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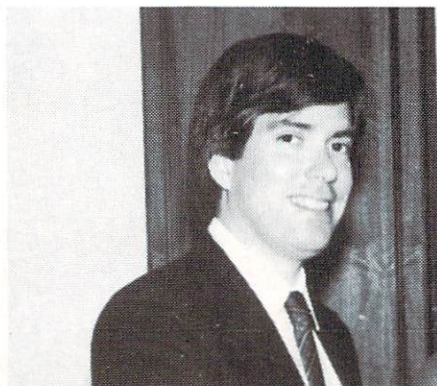
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TABLE OF CONTENTS

| SOFTWARE | PAGE |
|--|-----------|
| Firebird Software..... | 1 |
| Value Priced Software..... | 2-4 |
| Computer Systems/Commodore..... | 5 |
| Computer Systems/Apple-Compatible..... | 6 |
| Computer Systems/IBM-Compatible..... | 7 |
| SOFTWARE | |
| Action/Arcade Games..... | 8-10 |
| Strategy/Simulation/Miscellaneous..... | 10-11 |
| Adventure/Fantasy Games..... | 12-13 |
| Music..... | 14 |
| Education..... | 14-17 |
| Home Management/Finance/Business..... | 18-21 |
| Utilities..... | 22-23, 28 |
| About Your Order..... | 24 |
| Printing & Graphic Utilities..... | 24-27 |
| Printing & Graphic Supplies..... | 27 |
| HARDWARE | |
| Telecommunications..... | 29 |
| Printer Showcase..... | 30-33 |
| Printer Interfaces & Accessories..... | 33-36 |
| Disk Drive..... | 36 |
| Graphic Aids..... | 37 |
| ACCESSORIES | |
| Outlet Strips/Surge Suppressors..... | 38 |
| Accessories..... | 38-39 |
| Software Storage..... | 40 |
| Joysticks..... | 41 |
| Real World Interfacing..... | 42-43 |
| Diskettes..... | 44 |
| Copiers..... | 44 |
| Books..... | 45-47 |
| VHS VIDEOTAPES | |
| Video Showcase..... | 48 |
| Best Sellers..... | IBC |
| Color Monitors..... | BC |

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SCREEN EDITOR. Design your own data entry screens. Requires disk drive. \$7.95
40010 C64/C128, Disk

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VISBLE SOLAR SYSTEM. Command your spaceship on a billion-mile journey to the planets. \$6.95
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CLOWNS. Two clowns on a see-saw score points by bouncing high enough to burst balloons at the top of the tent. \$6.95
26858 C64/C128, Cartridge
STAR RANGER. Test your piloting ability against asteroid showers and aliens. \$7.95
26999 C64/C128, Cartridge
VIDUZZLES. Figure this one out! \$7.95
40039 C64/C128, Cartridge
SATAN'S HOLLOW. Demonic fun. \$7.95
40043 C64/C128, Disk
CHESS. The classic strategy challenge. A nice game of chess. \$7.95
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27034 C64/C128, Disk
STARCROSS. Mind-stretching science-fiction adventure game. \$9.95
27048 C64/C128, Disk
DEADLINE. You have only 12 hours to solve the murder of a millionaire philanthropist. \$9.95
27053 C64/C128, Disk

\$5.95 and up

ENTERTAINMENT



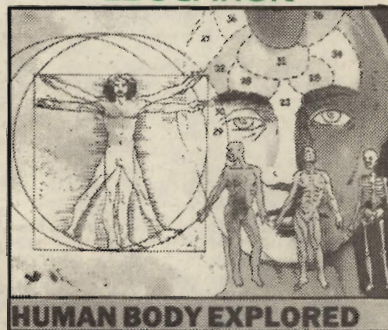
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64712
SUPERMAN, THE GAME. Rescue Metropolis as Superman OR capture Metropolis as the evil Darkseid. Players can compete against either another player or the computer. The Game is the first in the SUPER POWER software collection. From Main Street. \$5.95
64624 C64/C128, Disk

COMMODORE 128 SOFTWARE

All the software for the Commodore 64 listed in this catalog will run on the C-128 in its C-64 mode. Even if the program description doesn't mention the C-128, it will run. Many firms have developed new software that will take advantage of the C-128's advanced features and bigger memory. These are designated as "C-128" software, and will run only on the C-128 in C-128 mode. The list of C-128 software is growing daily — contact our Customer Service Department for new additions that may not be listed in this catalog.

Main Street PUBLISHING

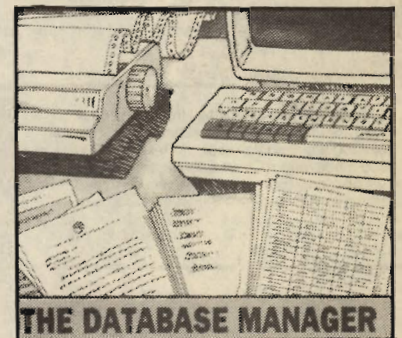
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COLLEGE ENTRANCE PREPARATION. Comprehensive preparation for SAT and ACT. \$6.95
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HUMAN BODY EXPLORED. Learn about circulation, digestion, respiration and reproduction. \$6.95
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LEARN SPANISH, FRENCH, GERMAN. Provides randomly generated words, more than 1,000 words per language. \$6.95
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NUMBERS PLUS VI. Consumer math. \$6.95
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A, B, C SONG. Match letters with the computer keyboard. \$6.95
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ADDITION. Practice up to 14 levels of addition problems. \$6.95
40221 C64/C128, Disk
EXPLORING MATHEMATICS I. Skill areas cover multiplying a 2-digit number, simple equations, and dividing by 1 and 2-digit divisors. Includes math games. \$6.95
40269 C64/C128, Disk
LEARN THE STATE CAPITALS. \$6.95
40293 C64/C128, Disk
LEARNING TO DRIVE. Laws and rules for safe driving. \$6.95
40306 C64/C128, Disk
LEARNING TO MANAGE MONEY. Activities include making change, checking a bank account, and operating a business. \$6.95
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40325 C64/C128, Disk
MATHEMATICS II. 10-lessons package includes same 5 lessons as above, with 5 new lessons added. \$6.95
40330 C64/C128, Disk
SUBTRACTION. Master up to 8 levels of subtraction. \$6.95
40414 C64/C128, Disk

BUSINESS

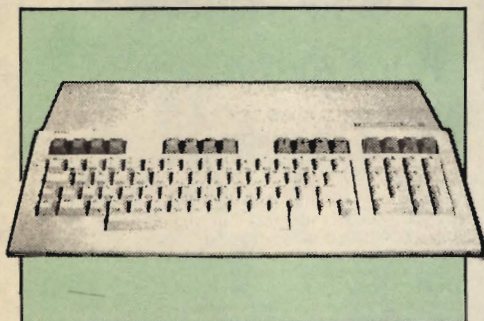


SPELLING CHECKER. Spelling-error detection program. \$9.95
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THE DATABASE MANAGER. Track information — then file, sort, display, edit, and print from your database. \$9.95
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PERSONAL WORD PROCESSOR. A basic word processor with true word wrap, and easy printer control. \$9.95
40452 C64/C128, Disk
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54917 C64/C128, Disk

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C128 Computer System

A great way to upgrade your system! Start with your current C64 peripherals and software, and add on as your budget permits!

THREE COMPUTERS IN ONE. The amazing C128 is actually three computers in one, a Commodore 64, a powerful CP/M machine, and a brand new 128 with unbelievable features for a computer costing under \$500 — 40/80 column display, 128K RAM (expandable to 512K), a versatile and easy to use new BASIC, and much more. In the CP/M mode you will be able to tap the huge library of business, technical and home programs developed for the highly popular CP/M operating system. In the 128K mode, you will be able to use powerful new software (or write your own) that takes advantage of more memory, more commands, 80 screen columns (great for word processing and spreadsheets), numeric keyboard, new cursor control and function keys, and more. In the CP/M and C128 modes, the new C128 will display a full 80 columns — just like business computers costing hundreds or thousands more. (Note: an RGB monitor or 1702 monitor with special cable is needed to use the 80 column mode.) Sug. Retail \$349.95

SCALL

FOR BEST PRICE

35186 C128 Computer



COMMODORE 1571 DISK DRIVE. While your 1541 drive will work with the C128 in all three modes, the new 1571 drive lets you take advantage of greatly increased operating speed and more data storage in the C128 and CP/M modes. Compatible with C128, C64, Plus-4, C16, and VIC20. Requires double sided disks. Sug. Retail \$299.95
35912 \$259.95



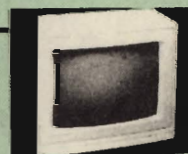
1351 MOUSE FOR C128. The easiest, most user friendly input device ever invented. Just roll on any flat surface for complete cursor control. Sug. Retail \$69.95
37885 \$42.95

1660 300-BAUD MODEM. This feature-packed modem from Commodore uses standard 300 baud speed and features auto answer/auto dial, a switch for originate/answer and a built-in speaker. Includes all the software you need to get started. Sug. Retail \$79.95
36966 \$69.95

1670 1200-BAUD MODEM. How does FOUR TIMES the data transmission speed of a standard 300 baud modem sound? This new 1200 baud modem from Commodore plugs into the user port and comes complete with terminal software. Auto-dial, auto-answer, auto baud and parity. Orig. Sug. Retail \$199.95
36952 \$139.95



1902A RGB-COMPOSITE MONITOR. In the C64 mode, the C128 uses a composite monitor to display 40 column text. In the 128 and CP/M modes, it can display 80 columns using an RGB monitor. The new 1902A monitor features both RGB and composite input modes, and a high resolution 13" screen. In addition to giving crisp 40 and 80 column displays, the 1902A can be used with a VCR or television tuner as a video display. Sug. Retail \$349.95
35926 SCALL



MORE MEMORY FOR YOUR C128!

Add more memory to your C128 with these handy plug-in cartridges from Commodore. Turn your machine into a 256K or 512K computer.
54556 256K Cartridge \$109.95
54565 512K Cartridge \$179.95

THE NEW COMMODORE 64C™

Fully C64 Compatible

Includes: •GEOS •QuantumLink •Word Processor & Desktop Utilities

THE COMPUTER. The new 64C resembles the sloped design of the C128 computer. It includes all the key features of the C64 including 64K RAM, 20K ROM, 3-voice sound capability, 16 colors and high-resolution graphics. Uses the same hardware and any of the thousands of software packages available for the C64.

THE EXTRAS. GEOS (Graphics Environment Operating System)* comes on disk with each computer, as well as the geoWrite word processor, geoPaint paint and design program, and Desktop Utilities including a calculator, address book, calendar and alarm clock.

Rounding out the new 64C package is the QuantumLink telecommunications software...all you need is a disk drive and modem and you can tap in the telecommunications service specifically designed for Commodore 64/128 users.

Sug. Retail \$229.00

54574 Commodore 64C Computer \$199.95

*The GEOS operating system is available separately for C64 and C128 owners. See page 25 for description and pricing.

1541C DISK DRIVE. The latest drive in the 1541 series...with its own microprocessor, RAM, ROM, and operating system software. Single-sided, single-density.

Sug. Retail \$239.00

54586 \$209.95

1802C COMPOSITE MONITOR. This quality, 13", high-resolution monitor displays crisp 16 colors in 40-column mode, and switches to monochrome output for an 80-column display with a resolution of 2000 characters per screen! Features built-in audio amplifier and speaker. Sug. Retail \$249.00
54595 \$219.95



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LASER 128

PERSONAL COMPUTER

The Ultimate Apple-Compatible Computer!



**Includes
Computer,
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128K RAM,
and more!**

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\$389!**

"For the price it is a good buy — certainly a better value than any Apple clone we have seen before."

—Computer Shopper

"Overall, we found the Laser 128 to be an excellent substitute for the Apple IIe."

—Computer Buyer's Guide and Handbook

Improving on their successful Laser 3000 model, Video Technology has gone a step further and created a fully expandable Apple clone that is both legal (non-infringing on Apple's copyright) and amazingly compatible.

"From a software compatibility point of view, the Laser 128 rates high marks."

—Computer Buyer's Guide and Handbook

Nearly all software written for the Apple II Plus, Apple IIe, and Apple IIc will run on the Laser 128. Literally thousands of Apple II programs will run on the Laser, including Applesoft, Applewriter, AE Pro, and most games and educational programs. [see list at right].

Most external hardware and expansion devices will also work without difficulty. Look at the features the Laser 128 includes:

- Built-in 5 1/4" disk drive
- 128K RAM
- Mouse/Joystick Port
- Parallel Printer Port
- QWERTY/Dvorak Keyboard Switch
- Composite Video Output

- Video Port for LCD or RGB output
- Modem and Serial Printer Ports
- Built in 80 column capability
- Numeric Keypad
- One expansion slot

OUR GUARANTEE OF SATISFACTION. We want to give you the opportunity to learn for yourself what an excellent value the Laser 128 is. If you are not happy with your Laser for any reason, return it within 15 days and we'll refund your purchase price. That's right — try it with your own software in your own home, office, or school, and if you aren't satisfied, we'll take it back.

42000 LASER 128 Computer

Sug. Retail \$479.95
Only \$389.00

OPTIONS FOR YOUR LASER 128

- 42507 Second Disk Drive (External)
- 42512 Joystick
- 42531 Parallel Printer Cable
- 42545 Serial Printer Cable
- 42550 RGB Monitor Cable
- 55643 RCA/CA Composite Monitor Cable

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|--------------------------------------|----------------|-----------------------|
| 42507 Second Disk Drive (External) | \$159.95 | \$139.95 |
| 42512 Joystick | \$ 29.95 | \$ 24.95 |
| 42531 Parallel Printer Cable | \$ 29.95 | \$ 24.95 |
| 42545 Serial Printer Cable | \$ 29.95 | \$ 24.95 |
| 42550 RGB Monitor Cable | \$ 19.95 | \$ 16.95 |
| 55643 RCA/CA Composite Monitor Cable | | \$ 3.95 |

APPLE SOFTWARE BESTSELLERS

Print Aids & Graphics



NEWSROOM. Create your own school, class or club newspaper, ads, or newsletters, mix columns of type and graphics. One of the most popular programs ever! Sug. Retail \$49.95
60752 Apple, 64K, Disk **\$39.95**

CLIP ART FOR NEWSROOM

VOLUME 1. Over 600 pieces of general clip art from realistic art to cartoon-like characters; includes a group of classic pieces. Sug. Retail \$29.95
60779 Apple, 64K, Disk **\$21.95**

VOLUME 2. This collection of over 800 pieces of clip art is specially designed for use in large and small businesses. Categories include medical, accounting, photography, audio, computers, vehicles, people, office, dining and shipping. Sug. Retail \$39.95
60794 Apple, 64K, Disk **\$29.95**

VOLUME 3. Over 600 more pieces of clip art representing a variety of sports and recreational activities. Sug. Retail \$29.95
60812 Apple, 64K, Disk **\$21.95**

Laser 128 Compatibles



These are just a few of the more well-known and popular titles that are compatible with the Laser 128 computer.

| Software Title | Manufacturer |
|---|---------------------|
| Adventure Construction Set | Electronic Arts |
| Apple Panic | Broderbund |
| Bank Street Writer | Broderbund |
| Deadline | Infocom |
| Hacker | Activision |
| Hitchhiker's Guide to the Galaxy | Infocom |
| Jaw Breaker | Sierra On-Line |
| Letter Perfect Word Processor | LJK Enterprises |
| Master Type | Mindscape |
| Newsroom | Springboard |
| Night Mission Pinball | subLogic |
| Perfect Filer | Perfect Software |
| PFS: Report, PFS: Write | Software Pub. Corp. |
| Print Master | Unison World |
| Print Shop | Broderbund |
| Super Text II | Muse |
| Typing Tutor II | Microsoft |
| Visicalc, Visidex, Visifile, Visiterm, Visitrend/Visiplot | Visicorp |



X'PRESS 16 \$469

Bondwell™

BONDWELL MEANS BUSINESS

IBM COMPATIBILITY FOR HOME, SCHOOL, AND OFFICE

In previous catalogs we've told you how carefully and thoroughly we searched to find the absolute best in both performance and value in an IBM compatible computer. The world of IBM clones is both crowded and confusing. Many IBM compatibles are sold without a brand name, meaning that warranty service as well as FCC and UL approval are far from certain. It's no wonder that many consumers either postpone a decision or settle for a higher priced brand name. Well, we've taken the work out of buying an IBM compatible computer. After months of research and an exhaustive evaluation of specifications, prices, features, warranties, company backgrounds, etc., and then further "hands on" testing of the actual computers, we selected Bondwell, maker of Spectravideo and Bondwell computers.

Bondwell's latest development, the Spectravideo X'press 16 is the best looking IBM compatible for home use we've seen, and it comes ready to use! It comes with **256K** of memory (expandable to 640K with add-on board), **built in color RGB video output** (CGA), **one 360K floppy disk drive** with room for another, a detachable, full-stroke PC-compatible **keyboard** with 10 function keys and numeric keypad, a **parallel printer port**, a **mouse/light pen port**, a **game joystick port**, a **monochrome composite video output**, **MS-DOS and BASIC** (including documentation), and a **PC/XT standard expansion slot**. A high quality IBM compatible **QuickShot X joystick** is included, featuring left/right hand switch and dual speed autofire capability. If this sounds like a lot of standard features, there's more: going beyond standard IBM features, the X'press 16 offers **enhanced video**, with up to **512x212 pixel resolution**, **32 multi-color sprites**, high level **graphics commands** (line, fill, etc.), **screen flipping capability** for animation, **plus enhanced audio output**, with **8 octaves** and **3 sound channels**.

Of course, the X'press 16 executes all popular PC-compatible software, including Lotus 1-2-3, Symphony, Dbase II and III, WordStar, Framework, Flight Simulator, GEM, Sidekick, and thousands more. Try it risk-free today! Sug. Retail \$599.00

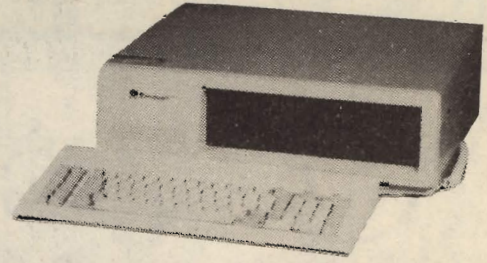
65142 X'press 16 Computer \$469.00

MULTIFUNCTION CARD with Clock/Calendar, RS-232 serial port, and 384K of additional memory. The only add-on card you need! \$119.95

65144 X'press 16 Multifunction Card \$119.95

RGB MONITOR CABLE. Connects X'press 16 to RGB monitor (see page 6).

42550 RGB Monitor Cable \$16.95



BONDWELL 34 COMPUTER. For business applications, the Model 34 is the best value available because it comes fully configured! Standard equipment includes **640K memory**, **two 360K disk drives**, a **parallel printer port**, a **monochrome video output**, **four available expansion slots**, **sculpted keyboard**, **MS-DOS**, **GW-BASIC**. . . the only thing you need to add is a monitor, and you are in business! The BW-34 is expandable, too. . . it holds up to four half-height disk drives and, as noted above, has four PC compatible expansion slots available for cards of your choice. The best news is that you can have all this power for hundreds of dollars less than comparably equipped models from the competition, and it still comes with our **risk-free trial**. Don't delay — order now and enter the world of IBM compatibility!

41371 Bondwell 34 Computer \$799.00

41717 Bondwell 36 Computer with 20 meg. Hard Disk \$1599.00

13009 Parallel Printer Cable for IBM/Bondwell \$24.95

MONOCHROME MONITOR. Fully compatible with Model 34 computer, this monitor features a clear, easy to read 80 column amber display. \$99.00

42583 Amber Monitor \$99.00

MULTIFUNCTION CARD. Add this card to fully expand your system. Includes clock/calendar with battery backup, serial port (for modem or serial printer), game port (for joystick), and space for 64K or 256K memory chips (up to 2 megabytes using 256K chips.) \$149.00

41390 Multifunction Card \$149.00

COLOR GRAPHICS CARD. While most users prefer a crisp monochrome display for maximizing eye comfort during extended word processing or spreadsheet sessions, users who require color graphics can use this handy card that has both RGB and composite monitor outputs. Compatible with IBM Color Graphics Card, it provides flicker-free 80x25 and 40x25 text display and 640x200 dot maximum graphic resolution. Allows up to 16 colors and includes light pen port. \$159.00

41417 Color Graphics Card \$159.00

15 DAY RISK FREE TRIAL

If you aren't satisfied with your Bondwell computer, return it to us within 15 days and we'll refund your purchase price!

NOTE: AT PRESS TIME, WE WERE ADVISED SPECIFICATIONS AND PRICES FOR THE X'PRESS 16 MAY CHANGE. PLEASE CALL CUSTOMER SERVICE BEFORE ORDERING.

FULL IBM COMPATIBILITY IN A LAPTOP!

Imagine a computer that is small enough to take anywhere yet runs all popular IBM software. Imagine how useful it could be for business people who travel but need access to word processing, spreadsheets, databases, or other application programs that are compatible with the same programs at the home office! Well, it's here now! The Bondwell 8 is a rechargeable battery-powered laptop computer that features IBM compatibility plus an almost incredible number of standard features. Included in the basic unit are **512K of RAM** (enough to run any commercial program), a **built-in 3 1/2" floppy disk drive**, a **built-in modem**, an **LCD display with backlight**, both **parallel and serial ports** (for a printer or other peripherals), an **AC adapter**, and a **monitor connection** for use with a monochrome monitor if desired.



Transferring data files and software is unbelievably simple using the optional external 5 1/4" drive. Just copy them back and forth as needed, or use your application software to "save" the file to the desired format. Since each 3 1/2" disk holds 720K of data (twice the normal 5 1/4" capacity), there's lots of room on a single disk for both your program and files! Sug. Retail \$1,595.00

55695 Bondwell Model 8 Laptop Computer \$1,099.00

55705 External 5 1/4" Disk Drive \$295.00

55714 Carry Case for Model 8 \$34.95

MICRO FLOPPY DISKETTES. From BASF. Five 3 1/2" double-sided diskettes per box. \$19.95

33936 \$19.95

(Almost) Free Software!

You can save a lot of money by buying our Bondwell computer, and you may not want to spend those savings right away by buying hundreds or thousands of dollars worth of applications software. Here are some very high quality user supported programs that will get you going in all the important areas. These are self-documenting programs that have been released for public distribution by their authors, some of whom hope that users who like and use them will send them a contribution. These disks are not copy protected and may be duplicated for personal use. **PC-WRITE.** Super word processor. . . some say it's better than WordStar.

41436 IBM, Disk \$5.00

PC-FILE. Easy to use database. Very good review by PC Magazine.

41440 IBM, Disk \$5.00

PC-CALC. Popular spreadsheet from the authors of PC-FILE.

41455 IBM, Disk \$5.00

pBASE. Heavy duty programmable relational database system.

41469 IBM, Disk \$5.00

PRO-COMM. Easy but powerful communications software. . . many say better than PC-TALK and QMODEM. Supports any baud rate and all modem features. Includes list of hundreds of bulletin boards.

41474 IBM, Disk \$5.00

We have dozens more of these "almost free" programs, including utilities, games, business programs, and education software. We also sell hundreds of popular commercial programs at substantial discounts. Call or write our customer service department for a current listing.



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Software

action/arcade games



TOP GUNNER. MicroProse took three of its best flight and air combat programs — *Hellcat Ace*, set in the Pacific in World War II, *MIG Alley Ace*, featuring head to head combat for one or two players, and *Air Rescue* — and combined them into one dynamite package. These games would have cost about \$60 originally — now they are yours for a lot less than half that price. Hours and hours of airborne excitement! **Sug. Retail \$29.95 Only \$22.95**

43937 C64/C128, Disk



Sequel
to
the
best selling



Castle Wolfenstein™...

BEYOND CASTLE WOLFENSTEIN.™ Nobody gets past Nazi guards better than you. That's why your commanders have a favor to ask. The Underground has smuggled a bomb into a closet inside the Fuehrer's Berlin Bunker. Now it's up to you to move it to a secret conference room, set the timer...and escape. But it won't be easy. The bunker is crawling with elite stormtroopers. You're not worried. You're ready for whatever it takes to win this war. You're ready to go Beyond Castle Wolfenstein.

Play at five skill levels of increasing difficulty. Progress through Resistance Fighter, Allied Intelligence Agent, Top Secret Operative, Master Saboteur, and ??? From Muse Software. **Orig. Sug. Retail \$34.95 NOW ONLY \$7.95**

32648 C64/C128, Disk

BOP'N WRESTLE



BOP 'N WRESTLE. Join the mayhem of professional wrestling at its best. Bop 'N Wrestle puts you in the ring with ten of the meanest, toughest pro wrestlers you've ever seen! This fast-paced action game for one or two players takes place in a realistic 3-D arena. Use a joystick or the keyboard to control a contender for the World Championship Belt as he battles his way to the top of the heap using a variety of pro moves including: Airplane Spin, Back Breaker, Clothesline, Drop Kick, Flying Body Press, Full Nelson, Headlock, Knee Strike, Reverse Suplex, and the devastating Turnbuckle Fly! From Mindscape. **Sug. Retail \$29.95 \$23.95**

55654 C64/C128, Disk



INFILTRATOR

INFILTRATOR. As ace helicopter pilot, Captain Johnny "Jimbo Baby" McGibbits, your mission is to fly through hostile enemy airspace and reach strategic targets designed to destroy the Mad Leader's military force. This animated graphic adventure combines realistic helicopter flight simulation and exciting military ground action. You are the Infiltrator, and you must succeed. From Mindscape. **Sug. Retail \$29.95 \$23.95**

55666 C64/C128, Disk

\$5 Rebate from
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ACTIVISION
CREATIVITY SOFTWARE



New

GAMEMAKER™: THE COMPUTER GAME DESIGN KIT™. Do you have a great idea for a computer game but not the programming background to create it? Activision comes to the rescue with GAMEMAKER! Design and produce your own computer games using five professional quality design tools in one easy-to-use program. From Activision. **Sug. Retail \$39.95 \$26.95**

64495 C64/C128, Disk

GAMEMAKER DESIGNER'S SPORTS LIBRARY™. Gives you pre-designed images and effects for creating your favorite sports games from football and baseball to skiing and auto racing, easily and quickly. Requires GAMEMAKER. From Activision. **Sug. Retail \$19.95 \$13.95**

64471 C64/C128, Disk

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64477, C64/C128, Disk

ACTIVISION
CREATIVITY SOFTWARE



STAR RANK BOXING. "Definitely the sports game of the year"

— Columbia Daily Tribune
Box your way to the World Championship in this animated simulation from Activision. Challenge a friend for ten 12-round bouts, or face the computer's 18 different circuit boxers. You may even create your own boxer and take him to pre-fight training to help his endurance and strength. Save him on a separate disk, and you can trade boxers with friends! The computer not only keeps score, but tracks your earnings as you win. Requires joysticks. **Sug. Retail \$29.95 \$23.95**

38515 C64/C128, Disk

GBA CHAMPIONSHIP BASKETBALL! Two-on-two. Features two on two team action! Four division, twenty three team league lets you try to reach the playoffs and go for the championship! From Activision. **Sug. Retail \$34.95 \$27.95**

43994 C64/C128, Disk

THE GREAT AMERICAN CROSS-COUNTRY ROAD RACE. The finish line is 3,000 grueling miles of traffic, terrain, and speed traps away. Choose your route, contend with the weather, watch your fuel...and the road conditions! It's a challenging blend of strategy and high speed action. From Activision. **Sug. Retail \$29.95 \$23.95**

39185 C64/C128, Disk



"the state
of the art
in sports
gaming"

COMMODORE 128 SOFTWARE

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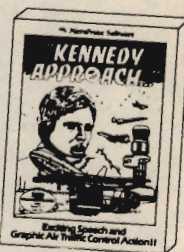
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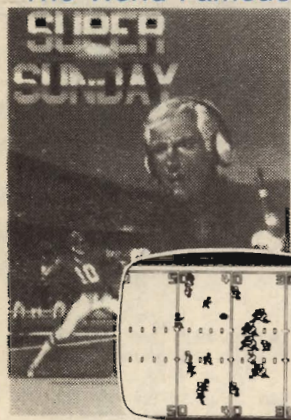
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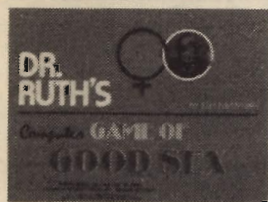




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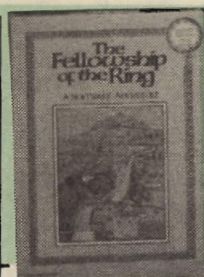
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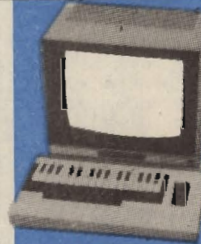
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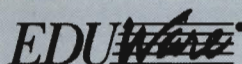
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Family Computing Magazine

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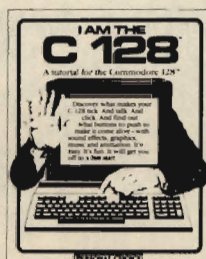
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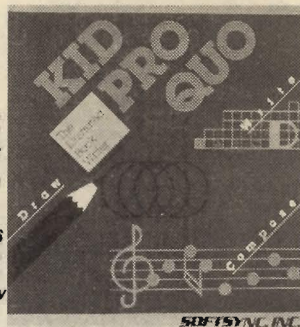
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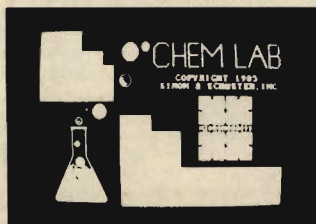
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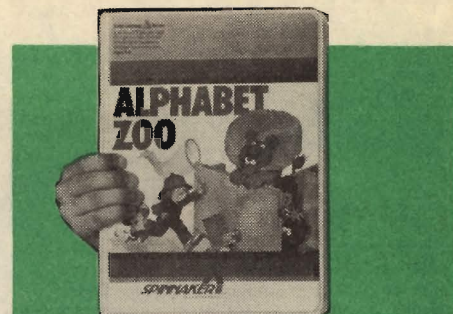


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ADDITION. Is the first of a four program series in basic arithmetic skills. This program features flash card drills in addition. The level of problem difficulty can be varied and, based on player performance, the computer will encourage moving to different skill levels or to different programs. A timer option challenges the player's ability to answer quickly, as well as accurately. **SUBTRACTION** is similar, but with subtraction problems.

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MATH TEST. Was written for the classroom, but could also be used at home. The computer gives a math test of up to 30 problems (that you specify) to a maximum of 40 students. The computer scores and stores the result of each test for the teacher's information. Each test can be stored on tape for later use. **FACTORS** features flash card practice in basic addition, subtraction, multiplication, and/or division, with any factor you choose. Computer scoring and evaluation help build your child's confidence.

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HANGMAN. Features excellent graphics with animation and tests a child's spelling abilities. The program has nearly 400 words built-in for individual practice, or any word may be entered for a two player game. **MEMORY** is like the old TV game "Concentration." Two players find matching pairs of letters on a playing board. Whoever gets the most matches wins!

36188 C64/C128, Cassette \$9.95

36193 C64/C128, Disk \$9.95

NUMBERS I. Uses magic hats and number factories to help your preschooler learn and recognize numbers. Lively animated graphics make this game extra fun. **NUMBERS II** teaches the concepts of before and after and provides an introduction for addition and subtraction skills. Colorful scoring system gives reward to top performers.

36205 C64/C128, Cassette \$9.95

36210 C64/C128, Disk \$9.95

LETTERS I teaches preschoolers the upper case letters. Animated graphics feature magic gerbil bottles and alien spacecraft. Also helps your child learn letter locations on the keyboard. **LETTERS II** teaches the alphabet using bright graphics. Two games, "Before and After" and "Fill in Blanks," help your child learn where each letter belongs. Built-in scoring provides performance measurement.

36224 C64/C128, Cassette \$9.95

36239 C64/C128, Disk \$9.95

BUNNY COUNT. Lets you count the bunnies as they hop across the screen. Good game for the child just learning to count. Colorful rewards for good performance. **EARLY MATH** presents addition and subtraction problems with the numbers 0 to 9. A tutorial program that graphically demonstrates adding and taking away. Positive rewards build confidence.

36347 C64/C128, Cassette \$9.95

36352 C64/C128, Disk \$9.95

SHOOT THE MOON is a spelling competition for up to four players. Play two games, "Flasher" and "Scrambler," with your spelling list. You can even save the list on tape for future use. Great program for home or school.

36366 C64/C128, Cassette \$9.95

36371 C64/C128, Disk \$9.95

CLOCK is an excellent program for teaching your child how to tell time. A lesson in reading the hands of a clock is given. Following the lesson a quiz is given to check mastery of the skill. Nice graphics and difficulty levels. **DICE** is a game with a new twist. From 1 to 9 dice can be displayed. You have to count the dots on each die and enter the sum of all the dice. Good practice for dice-based games. Ages 5-10.

36385 C64/C128, Cassette \$9.95

36390 C64/C128, Disk \$9.95

COLORS has two fun games in color discrimination and recognition. The first asks you to name seven basic colors. In the second game, the player must match identically colored squares. **NUMBER NAMES** has two games relating digits and names for the numbers 0 to 9.

36402 C64/C128, Cassette \$9.95

36417 C64/C128, Disk \$9.95

QUIZMAKER/TRUE-FALSE. For students, teachers, or parents! **QUIZMAKER** TRUE-FALSE lets you make your own multiple choice or true/false quizzes for practice or for real. Enter your own data for any subject. Data can be saved to disk or tape for use again and again.

39306 C64/C128, Cassette \$9.95

39311 C64/C128, Disk \$9.95

DIRECTIONS is a tutorial program that teaches left and right and top and bottom. Two colorful friends, Tom and Kate, help in the learning process.

36309 C64/C128, Cassette \$9.95

36314 C64/C128, Disk \$9.95

ABC'S 123'S. Young children won't even realize they are learning numbers, letters and keyboard familiarity as they play Kidware's newest pair of educational games. **ABC'S 123'S.** Fun graphics teach letter and word association in ABC's and numbers and counting concepts are presented in 123's.

39325 C64/C128, Cassette \$9.95

39330 C64/C128, Disk \$9.95

JUNIOR FARMER/BLOCKHEAD. Find the farmer, his wife, a child, a cat, a mouse, and cheese! **JUNIOR FARMER** is great for the youngest kids, because no reading is required after you explain the game. **BLOCKHEAD** lets you draw a zillion funny faces.

39344 C64/C128, Cassette \$9.95

39359 C64/C128, Disk \$9.95

ADDITION II/SUBTRACTION II lets you practice adding and subtracting in columns. You even enter the answer one digit at a time from right to left — just like you would on paper. Optional "borrowing" practice in Subtraction II.

39363 C64/C128, Cassette \$9.95

39378 C64/C128, Disk \$9.95

FRACTIONS I/FRACTIONS II. Starting by displaying pictorially the concepts of what fractions are, **FRACTIONS I** and **FRACTIONS II** progresses from simple exercises to instruction in how to add, subtract, multiply, and divide simple fractions.

39382 C64/C128, Cassette \$9.95

39397 C64/C128, Disk \$9.95

HIDDEN LETTERS/LETTERS II. Hides five letters on the screen. Using clues from the computer, you must guess what they are. Bright colors and lively music are featured. **LETTERS II** is a good program for the child just learning the alphabet. A lower case letter is displayed and the child must press the correct upper case letter to receive a "smiley face" reward.

39409 C64/C128, Cassette \$9.95

39414 C64/C128, Disk \$9.95

SPELLING TUTOR/MATH TUTOR. **SPELLING TUTOR** helps your child with spelling the fun way. Using your words, three different quizzes can be taken. Spelling lists can be saved on tape for future use. **MATH TUTOR** allows your child to practice math problems you put into the computer. Hence, math lessons are easily tailored to your child's level and abilities. Tests can be saved on tape. Colorful scoring rewards correct responses. Ages 6-12.

39428 C64/C128, Cassette \$9.95

39433 C64/C128, Disk \$9.95

SOLAR SYSTEM/TEMPERATURE. **SOLAR SYSTEM** is a great selection for budding scientists. Learn about the nine planets with colorful graphics. **TEMPERATURE** teaches how to read a thermometer and how to convert Fahrenheit readings to Celsius.

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CIVIL WAR/IKING features special translations for the C64 of two of the first computer simulations ever developed. In **CIVIL WAR**, you command the Confederate Army in trying to rewrite history. **IKING** lets you rule your own country, allocating resources for various purposes and trying to survive your reign.

39466 C64/C128, Cassette \$9.95

39471 C64/C128, Disk \$9.95

TYPING I/TYPING II teaches you first how to position your hands and which finger is used to press each key, and then progresses to actual practice. Good for beginners.

39485 C64/C128, Cassette \$9.95

39490 C64/C128, Disk \$9.95

LEMONADE/CODEBREAKER. The first part of **LEMONADE/CODEBREAKER** is a fun lesson in basic economics, you operate a lemonade stand, buying lemons, sugar, and cups while keeping an eye on the weather and demand. The second part teaches deductive reasoning as you try to guess a four letter code from clues given by the computer.

39502 C64/C128, Cassette \$9.95

39517 C64/C128, Disk \$9.95

U.S. CAPITALS/GEOGRAPHY provides a rounded lesson in states, capitals, regions, and other geographical items of interest.

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GO FISH/SLEDDING. **GO FISH** lets you cast your line and haul in the big ones. Full animated action features crabs that cut your line and clams that steal your bait. See how many pounds of fish you can catch. **SLEDDING** challenges you to guide your sled down a fast, snow-covered hill with the joystick. Watch out for trees and rocks!

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DOODLE/MAZE. Combine a colorful, computerized "Etch-A-Sketch" with an infinite number of mazes from which to escape, and you have **DOODLE/MAZE**. Kids love 'em. Requires joystick.

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39574 C64/C128, Disk \$9.95

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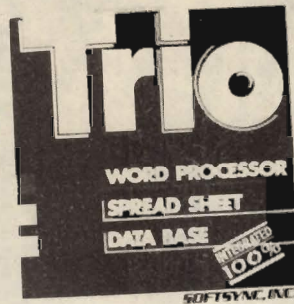
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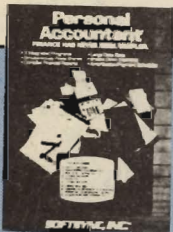
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39678 C128, Disk

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—RUN Magazine

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WORD WRITER 128. Pull down menus let you access WORD WRITER 128's powerful functions easily and quickly. Includes on-screen calculator, text formatter and spelling checker, thesaurus, on-screen highlighting, super and subscript, headers and footers, and speed keys! Run Magazine called WORD WRITER 128, "An absolute joy!" —Order today!

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SWIFTCALC 128 WITH SIDEWAYS. Converted from the IBM, this powerful spreadsheet offers "everything you could possibly need" according to RUN Magazine. Pull down menus and pop-up windows keep things easy. 250 row x 250 column matrix. "Intelligent" entry mode saves keystrokes by determining whether you are entering numbers or text. In addition to the on-screen graphing, SWIFTCALC 128 lets you print your spreadsheet sideways (rotated 90N) so you can have as many columns as you want. Includes: high resolution 3-D graphics, SwiftKeys, SwiftSort, and Swift-DOS!

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SYLVIA PORTER'S FINANCIAL PLANNER. The same popular program available for C64 has now been converted to run on the C128 (see description, left).

39611 C128, Disk

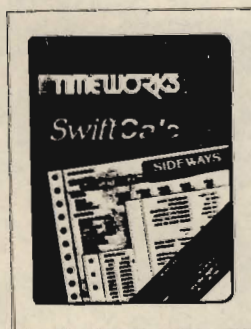
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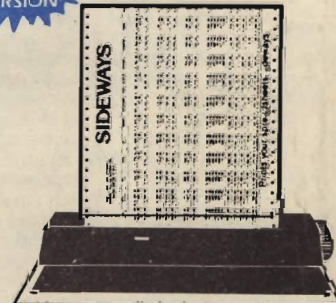
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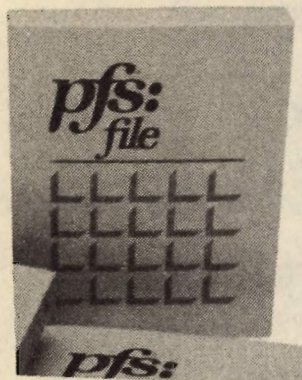


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THE MANAGER. No programming skill is required to use this complete data base management tool. Interfaces with word processing, accumulates totals on screen and creates subfiles. Sorts from any field. Built-in report generator. Four applications provided, and user can custom-design his own. Uses include accounting, inventory, stock tracking, collections, mailing lists, home management. . . even sports statistics. Requires disk drive.
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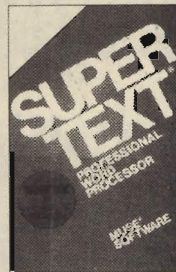
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POCKET WRITER (formerly PAPERBACK WRITER). You've been asking for POCKET WRITER, and here it is! This popular word processor features true word wrap in the editing mode, complete on-screen formatting, mail merge, global file capabilities, complete support of disk operations, spelling checker, and 80-column mode. Accepts text files from Fleet System and Word Pro + 3. A clear and concise manual and help files on the master disk make POCKET WRITER easy to learn and operate. From Digital Solutions.

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- Displays 80 columns without hardware add-ons!
- Originally sold for \$99.95!

SUPER TEXT. When Muse Software released SUPER TEXT, it sold for \$99.95. One of the most powerful word processors ever written for a Commodore (runs on the C64, or the C128 in 64 mode), SUPER TEXT features a unique software-based 80 column display mode that lets you see what your documents will look like printed out! You can actually switch between modes — enter and edit your document in easy-to-read 40 columns, and then switch to 80 columns for checking formatting and overall appearance. And look at these other features: On-screen instructions and formatting; automatic word-wrap, page headings, page and chapter numbering; even split screen and math modes.

You might expect to pay a lot for a word processor with this many features — but while our supply lasts, we'll send you SUPER TEXT for only 99 cents with any order over \$65.00. That's right — just order \$65 in merchandise from this catalog at our already low prices, and we'll send you SUPER TEXT for only 99 cents! (To receive your 99 cent SUPER TEXT, just include item number 14125 on your order form and write 99¢ in for the price!)

14125 C64/C128, Disk

99¢ with \$65 Order

C128 VERSIONS! Vizastar & Vizawriter

Team up these programs for extra power!

VIZASTAR. This integrated software package offers spreadsheet, database and graphics programs in one powerful package! The spreadsheet is easy to use and includes some functions not found in many spreadsheets: date calculations, trig functions, natural logs, error function and a table look-up function. The C128 version boasts an 80 column display and has over 40K of free memory. The database is a bare-bones program that allows data files similar to mailing list programs. The graphics routines make producing graphs with your info easy!...an exceptional package. "Rated A by RUN Magazine. 50-page tutorial will have you setting up spreadsheets quickly. C128 version requires 80 column monitor. From Solid State Software.

Sug. Retail \$120.00

55550 C128, Cartridge, Disk, Manual **\$99.95**

55561 C64, Cartridge, Disk, Manual **\$99.95**

VIZAWRITE. The successor to the popular Omniwriter, this program includes enhancements like auto-pagination, on-line help, pull-down menus, full function calculator, and more. Up to 8 variable-width columns make creating newsletters a snap. Three different near letter quality fonts are built-in for use with Commodore or Epson compatible printers. Vizawrite can do mail-merges and has an integrated 30,000 word expandable spelling checker. Requires 80 column monitor. From Solid State Software.

Sug. Retail \$79.95

55591 C128, Cartridge, Disk, Manual **\$64.95**

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All items in our catalog are new, first quality, and have full manufacturers warranties. Should you need specific warranty information, please contact our Customer Service Department.

We guarantee our products to be free from defects and to be in complete working order. If any item is found to be defective, it may be returned within 30 days of receipt for prompt repair or replacement. Please contact our Customer Service Department for a Return Authorization.

PaperClip BATTERIES INCLUDED

PAPERCLIP CLASSIC. Professional Word Processor. See what the experts say: "PaperClip is one of the easiest of the professional word processors to use, with a sensible manual and plenty of aids for the accident-prone," according to Computing Now — "An excellent full-featured word processor," states The Book of Commodore Software — "A superb word processor...the most sophisticated to date!" says Computer! Write letters, documents, or even a novell PaperClip allows you to create and edit text easily. Spaces can be left in frequently used forms or form letters and filled in automatically when needed. Full justification of form letters makes them look personally typed.

ADVANCED FEATURES INCLUDE: •Horizontal Scrolling for both 40 and 80-column displays allows up to 126-character width reports •Column Manipulation allows powerful moving, inserting or sorting of anything in columns. Add or subtract columns of numbers •Alphanumeric Sorting with up to 16 levels of sub-sort, in either ascending or descending order •Search and Replace five text strings simultaneously with both local and global modes •Preview feature shows the sample output that the printer would use: inserting paging, line-spacing, margins, headers and footers, centering and highlighting any underlining or enhanced text.

PAPERCLIP DOES MORE! Allows phrases or sentences to be moved or copied elsewhere. Instant splitting and reformatting of lengthy paragraphs. One keystroke can put the cursor at the end of text. Text searching has a "wild card" mode. Table of Contents mode lets you flag text items to be used in the Table of Contents automatically. From Batteries Included. Disk drive required.

Sug. Retail \$39.95

23601 C64/C128, Disk **\$32.95**

SPELLPACK. After you've created a document with your word processor let the SpellPack spelling checker do your proofreading for you — in just minutes! The SpellPack dictionary contains over 15,000 commonly-used words, and thousands more can be added easily. If a document word is not found in the dictionary, that word is highlighted on the screen. You'll save time, and every document you produce will be error-free!

Sug. Retail \$44.95

39682 C64/C128, Disk **\$39.95**

PAPERCLIP WITH SPELLPACK. Purchase the best-selling word processor and the time-saving spelling checker described above together in one package, and save! And get three extra features in the bargain: built-in 80 column video display, sophisticated search capabilities, faster movement of phrases, sentences, paragraphs and columns. Sug. Retail \$44.95

\$37.95

PAPERCLIP II FOR C128. Batteries Included's best selling word processor has been re-designed to take full advantage of the C128's increased memory, speed and power. Built-in telecommunications module allows you to access on-line services. Fast 20,000 word spell checker is built-in. New features include macro-capability, multiple columns, reverse video scroll, word wrap, chaptering and more. Expanded maximum document size. Completely compatible with C64 PaperClip text files.

Sug. Retail \$79.95

65053 C128, Disk **\$69.95**

THE CONSULTANT. A data base management system to generate all your business reports. Features: —Full arithmetic functions (+, -, x, /) with 16-digit precision; automatic decimal point placement and justification —Sequential file (ASCII) field search. —Wild card (?) in non-keyed fields. —Extremely fast entry/update with 100% machine language. —Automatic page numbering headers. Print is expanded or compressed to fill lines for professional look. Specify any line length in report. Report formats may be saved, up to 99 files. Also prints labels, up to 200 characters wide. From Batteries Included.

Sug. Retail \$59.95

23616 C64, Disk

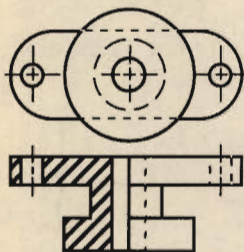
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40752 C128, Disk

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Let your C64 or C128 be the bridge to much larger systems! Whether you are interested in learning a new language or in creating original high-performance software, these professional language packages will meet your needs. Not only are they extensively documented, but they come with free access to Abacus technical support lines!



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CADPAK ENHANCED VERSION. A great tool for computer aided design and drawing. Use either the keyboard or optional light pen to draw directly on the screen. The new dimensioning feature allows exact scaled output on your designs. The improved object editor lets you define and save furniture, electronic circuitry or machinery as intricate as screen resolution permits. Menu options include LINE, BOX, CIRCLE, ELLIPSE, DRAW, COPY and ZOOM-IN. Hard copy to most dot matrix printers.

35612 C64, Disk
65040 C128, Disk

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TAS ENHANCED FOR C64 and C128. The Technical Analysis System package for the serious stock market investor. TAS analyzes and charts technical indicators to help the investor determine when to buy and sell securities. Enhanced to perform 3 to 4 times faster! Place 300 periods of information for up to 10 different issues on a data diskette. Build a variety of chart types on the split screen. Enhanced C128 version incorporates powerful new features such as macros, automatic unattended log-on, and quick-draw charts using up to 4 windows. Uses 1 or 2 disk drives. Hardcopy to most dot matrix printers.

35753 C64, Disk
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Cobol for C64 and C128

COBOL. An easy to use English-like language. Package includes a syntax-checking editor, interpreter, compiler, "crunch" function, sample programs, and a large manual.

54186 COBOL-64 C64, Disk
54195 COBOL-128 C128, Disk

Sug. Retail \$39.95 **\$34.95**
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C128 Communications

SPEEDTERM-128. A new and flexible command driven terminal package. Supports most modems. Xmodem and Punter file transfer protocol. VT52 terminal emulation mode.

54342 C128, Disk

Sug. Retail \$39.95
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C-The Language of Lotus 1-2-3

SUPER C LANGUAGE COMPILER. The very powerful Editor lets you create source programs containing 80 character machine code for enhanced execution speed. The Linker lets you combine up to seven modules for later execution. The runtime library may be called from machine language or included as a BASIC lookalike program. Start writing your bestseller today!

35729 C64, Disk
37162 C128, Disk

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Structured Programming

"Super Pascal Development System is an invaluable package for studying structured programming and for development of efficient software. It is recommended for users who want to extend the capabilities of the 64 without studying machine language, or for those interested in extending their own computer skills."

—Commodore Microcomputers

SUPER PASCAL DEVELOPMENT SYSTEM is an enhanced version of standard Pascal. It has all of the programming structures: Begin/End, Procedure, Function, If-Then-Else, Repeat-Until, While-Do, For-To/Do, Case-Of-End, Exit, Goto, With-Do. Pascal-64 also has these data types: Real, Integer, Char, Boolean, Array, Record, Set, Pointer. In addition, Pascal-64 has support for sequential and relative files; procedure for hires and multicolor graphics; and procedures for handling interrupts without machine language routines.

38183 C64/C128, Disk

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Save Time! Save Memory!

FORTH. The FORTH language is easier to use than Assembly Language and faster than BASIC. FORTH allows you to write programs that are more compact and efficient. In addition to the extensive built-in vocabulary, you'll be able to create new words to fit your needs. Our FORTH LANGUAGE has an extended vocabulary to support graphics and sound, a built-in full screen editor, a complete FORTH assembler and extensive handbook.

35679 C64/C128, disk

Sug. Retail \$39.95
\$34.95

The First Expert System for the C64 and C128!

XPER-64. By the 1990's, forecasters predict that artificial intelligence, including expert systems, will be the major application of computers. [An expert system is a computer program that can be given the knowledge and reasoning process of an "expert", and then analyze problems in the same way as the expert.] Using this unique knowledge-based package, you first build the information into your data base using XPER's simple loading procedures. Then, by using very efficient searching techniques, XPER can easily guide you through the most complex decision making criteria. Includes full reporting and data maintenance capabilities.

35804 C64/C128, Disk

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\$49.95

Military Use and Beyond!

ADA has been designated as the official language of the U.S. Department of Defense for program development and this program will help you learn this important language. ADA TRAINING COURSE supports a comprehensive subset for this high level language and features modular program construction, error checking at compile and run time, easy operation with program library, simple linking to machine language programs. The package includes an editor, a syntax checker/compiler, assembler/disassembler and training manual.

From Abacus.

35589 C64/C128, Disk

Sug. Retail \$39.95

\$34.95

Compiled BASIC for High Speed

Have you ever wished your BASIC programs would run faster? A lot faster? Well, here's the solution! **BASIC-64** is a complete compiler for speeding up your BASIC programs. This is no ordinary compiler. It includes a free run-time module so you can develop programs for commercial sale with no royalty payments. **BASIC-64** gives complete flexibility in memory management allowing you to have total control of your compiled programs. **BASIC-64** allows you to compile programs in speedcode (pseudo-code), machine language, or a mixture of both. You can compile a series of programs using the overlay feature and use BASIC extensions, such as Simon's BASIC, VICTREE, BASIC 4.0 and others. You can also use integers to optimize FOR NEXT loops, send commands to the disk drive, change compiling parameters and much, much more. From Abacus.

Sug. Retail \$39.95

35607 BASIC-64, C64, Disk

\$34.95

Sug. Retail \$59.95

38694 BASIC-128, C128, Disk

\$49.95

Machine Language Help!

The **ASSEMBLER/MONITOR 64** package is for developing machine language programs for your Commodore 64. This low-cost package has high-priced features. The assembler has fast macro assembler capabilities, supports conditional assembly, full screen editing of source programs, assembles to memory disk or tape, symbol table listing, source file chaining capabilities. The monitor has functions including: hunt, disassemble code, transfer blocks of data, compare blocks of data, access to other memory banks, single step execution, quick trace with breakpoints, and can coexist with the assembler. Both **ASSEMBLER** and **MONITOR** are written in machine language for speed and efficiency. From Abacus.

Sug. Retail \$39.95

35594 C64, Disk

\$34.95



SUPER SALE!!

ASSEMBLER 64. Everything the experienced assembly language programmer needs to create, assemble, load and execute 6500 Series assembly language on the Commodore 64. Package includes a powerful macroassembler, editor, loaders, two machine language monitors and various support routines. The manual details how to create and edit an assembly language source file, load and support program or wedge, maintain the disk, load and run programs, and assemble, test and de-bug programs. Requires disk drive.

WAS \$49.95

26716 C64, Disk

NOW ONLY \$9.95

SUPER EXPANDER 64. Highly useful extension of the BASIC programming language for the C64 provides 21 new commands that allow easy access to advanced sound and graphics features. Now it's simple to create colorful, high-resolution displays, sprite animation, music and game sounds. Commands include "Paint", "Draw", "Circle", "Color" and more. One of the most versatile cartridges you can buy for the C64 computer.

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26735 C64, Cartridge

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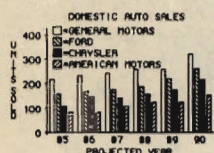
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CHARTPAK 64. Now you can create your own professional quality charts and graphs for business or school without time-consuming programming. You can quickly enter, edit, save, and recall your data, and then interactively build your chart. Choose from pie, bar, line or scatter charts. You specify scaling, labeling and positioning. Chartpak will instantly draw the graph in any of 8 different formats. Change your format immediately, and draw a different chart. Chartpak 64 includes statistical routine for average, standard deviation, least squares, and forecasting. Display your graphs on the screen, or print to most printers, including Commodore 1525/MPS-801/526, Epson, Star Micronics, Okidata (including Okimate 10 in color), and C. Itoh. From Abacus.

Sug. Retail \$39.95
35631 Chartpak 64, Disk **\$34.95**
38938 Chartpak 128, Disk **\$34.95**

Integrated Spreadsheet and Graphics

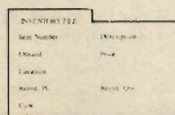
"One of the best programs ever written for Commodore, giving Lotus 1-2-3 a run for the money. . ."

—Commodore Microcomputer Magazine

POWER PLAN-64 is the 1-2 for the 64. It's not only one of the most powerful and flexible spreadsheet packages available, but it gives you built-in graphics so you can display your valuable data in graphs as well as numbers. **POWER PLAN-64's** menus make it easy to use. All of **POWER PLAN-64's** selections are clearly displayed on the screen for you to choose from. In addition, **HELP** screens are available at the touch of a key. Complete tutorial gently introduces you to spreadsheets. Includes 200 page handbook. From Abacus.

Sug. Retail \$39.95

35700 C64, Disk **\$34.95**



"Best Buy" Database

"Everything about Datamat 64. . . makes it the perfect database for most home applications."

—RUN Magazine

RUN Magazine called **Datamat 64** a "Best Buy" because of its ease of use, large file capacity, free support line and many features.

DATAMAT-64 is flexible — you design your data base in free form using the full screen editor. To handle your complex data needs, you can define up to 50 fields per record and up to 2000 records per diskette (space dependent). If you have varying report requirements, you'll appreciate **DATAMAT's** complete reporting capabilities. You can sort on multiple fields in any desired combination, and then select records for printing in your specific format. **DATAMAT-64's** menu screens easily take you from function to function. You can go from data entry, to data correction, to sorting and reporting just by following the menus. Use **DATAMAT** for mailing list, home inventory record and tape libraries, collections and any other type of data organization job. From Abacus.

Sug. Retail \$39.95
35664 C64, Disk **\$34.95**



FAST HACK'EM



Three disk copy programs on one disk! . . . At one low price!

Works in C128 Mode!

- Copy disks on your **MSD Dual Drive**. Provides automatic back-up of nearly all protected disks in only 68 seconds! Includes special Auto-Back-up.*
- Copy disks on your **Single 1541 Drive**. Fastest single drive back-up ever made — less than 2 minutes! Backs up all standard disks in only 3 passes! Nibbles protected disk in less than 3 minutes!
- Copy disks on **Two 1541 Drives**. Automatically backs up a standard disk in only 35 seconds! Nibbles protected disk in less than 60 seconds! Includes special Auto-Back-up.*

Now Includes these enhancements. . .

- Fast file copier.
- 1541 Nibbler.
- Works in C128 mode.
- Over 100 parameters.
- 1571 Nibbler.

***AUTO-BACK-UP.** After booting up with this option, the computer is no longer necessary and may be disconnected. The drives automatically detect the disk being inserted and removed. An absolute must for multiple back-ups! From Basement Boys Software.

37739 C64/C128, Disk

\$29.95



Computer Aided Design for Commodore!

CAD-3D. This graphic arts program is designed to draw three dimensional objects that can be rotated on three axes and translated simultaneously. Designs can be saved and loaded on disk or tape and can also be plotted on paper with printer or plotter. An excellent tool for the architect, engineer or student of design. FROM IHT Software.

39997 C64/C128, Disk

Sug. Retail \$49.95
\$44.95

COPY II

BACKUP YOUR PROTECTED SOFTWARE!

COPY II 64/128. You'll love this copy program. . . It's packed with extra goodies! You can copy files, disks, even entire subdirectories. **Copy II** offers tree display for selecting subdirectories — no need to type lengthy "prefixes." A fast, effective program for backing up most protected Commodore 64/128 software in just 2 minutes! Can use 2 drives in 64 mode. Requires a maximum of 4 disk swaps on a single 1541, 1571 or Indus GT drive. Also includes a track editor, sector editor and HI-RES disk display. Just type in the name of the program you want to backup and **Copy II** does the rest! From Central Point Software.

Sug. Retail \$39.95
\$34.95

63905 C64/C128, Disk

(Utilities Section continued on page 28)

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The new, official disk operating system for the C64! Give your C64 a "Mac" look with menus, icons, and windows!



Just look at these benefits: -Speeds disk access as much as 7 times -Easy icon-based file handling -geoPaint software for easy charts, diagrams & pictures -geoWrite software for "What you see is what you get" word processing -Multiple fonts, point sizes, & styles -Desk Accessories software, including calculator, alarm clock, & more.

GEOS is a lot more than just a new software product. Commodore has proclaimed it the Official Disk Operating System for the C64, and is bundling it with the new 64C. GEOS dramatically changes the look and feel of the C64's operation by incorporating a menu, icon, and window based user interface similar to that pioneered by Xerox and popularized by the Macintosh. This means a much easier, friendlier, and faster way of communicating with the computer.

Beyond the most visible change in the screen display, GEOS does much more. By speeding up the disk drive performance, GEOS is able to page memory in from the disk. This allows applications to be developed that were previously only available on much more expensive computers. The result: two programs that provide an integrated environment for home desktop publishing — geoWrite and geoPaint.

geoWrite is a "What you see is what you get" word processor. Text appears on the screen exactly as it will be printed out. It includes six proportionally spaced fonts in a number of point sizes and type styles. More fonts will be available soon. geoPaint is a super graphics editing program that lets you use 32 different paint brushes, a pencil, an airbrush, a ruler, and much more.

Graphics and text can be cut and copied between applications. Two special desk accessories — the Photo Manager and Text Manager — allow pieces cut and copied from write and print documents to be saved in albums, and later incorporated in new documents.

There are simply too many features and benefits to describe in detail — suffice it to say that this is the most revolutionary product ever introduced for the C64, and that no user will want to be without it for very long. Additional application programs are listed below. Enter a new world of computing with GEOS! From Berkeley Softworks.

43922 C64/C128, Disk

Sug. Retail \$59.95
\$44.95



Software for GEOS!

FONT PACK I. Once you load Font Pack I into your GEOS-equipped Commodore, your papers are never going to be the same! Choose from a total of 20 different styles of print. People will definitely notice what you have to say when you use Font Pack I, a GEOS-compatible product from Berkeley Software.

64157 C64/C128, Disk

Sug. Retail \$29.95
\$19.95

geoDEX. The search is over with this GEOS-compatible directory that generates mailing lists, prints address labels, and sorts all sorts of things for your Commodore. You can call up a directory organized from any three categories you choose. Organize people by name or telephone number or any other characteristic! geoDex comes with a mail merge that customizes form letters, announcements — even party invitations — with the names and addresses stored in geoDex. From Berkeley Software.

64284 C64/C128, Disk

Sug. Retail \$39.95
\$29.95

Personal Publishing for the C64/C128!

WRITER'S WORKSHOP. This top-of-the-line word processing package includes the new, updated geoWrite 2.0 that does full justification and centering, multiple rulers, search and replace, headers and footers, superscript and subscript, plus LaserWriter printing support! Also includes text Converter to use text from other word processors on geoWrite, and geoMerge, a mail merge program. From Berkeley Softworks.

64287 C64/C128, Disk

Sug. Retail \$49.95
\$36.95

DESK PACK 1. Four fun accessories. . . GRAPHICS GRABBER accesses and converts hundreds of Print Shop, PrintMaster and Newsroom graphics for use with geoPaint and geoWrite; CALENDAR, for appointment planning through the year 9999; BLACK JACK game that rivals those in Las Vegas; and ICON EDITOR to create icons for files. From Berkeley Softworks.

64164 C64/C128, Disk

Sug. Retail \$34.95
\$24.95

geoCHART. Creates pie charts, bar graphs, histograms and line charts. Functions independently or with geoCalc and geoFile. From Berkeley Softworks.

64298 C64/C128, Disk

Sug. Retail \$39.95
\$29.95

geoCALC. GEOS based spreadsheet program. From Berkeley Softworks.

64304 C64/C128, Disk

Sug. Retail \$49.95
\$36.95

geoFILE. GEOS based data base program. From Berkeley Softworks.

64307 C64/C128, Disk

Sug. Retail \$49.95
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Please refer to the Book Section on page 46 for books on GEOS.

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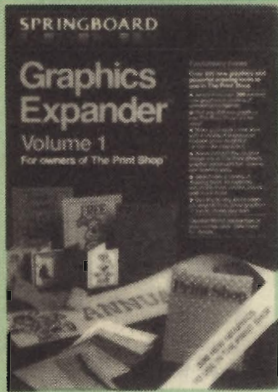
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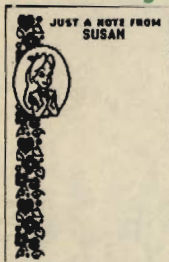
GRAPHICS EXPANDER. Make your Print Shop banners, signs, cards, and letterhead look better than ever with Springboard's new Graphics Expander software. More than just a collection of clip art (although with over 300 new graphics it certainly is that), it includes powerful drawing and editing tools that let you change graphics or create your own. You can even add text for a personal touch. This is a must for serious Print Shop users!

Sug. Retail \$34.95

54174 C64/C128, Disk \$27.95

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Two Special Disney Programs From Bantam Will Brighten Your Day!

WALT DISNEY CARD & PARTY SHOP. Customize your child's next birthday with Disney's cartoon characters or party favors, placemats, wrapping paper, cards and anything else your imagination allows! Great fun for an activity at the party, as well. So simple to use,

children can make individualized gifts for friends and teachers. From Bantam.

Sug. Retail \$29.95

64748 C64/C128, Disk \$24.95



WALT DISNEY COMIC STRIP MAKER. Have you always envied cartoonist's drawings? Here's your chance to create your own using those delightful Disney characters. Children will love helping out! Over 180 full-color, detailed graphics. Just like having the Disney Studio at your finger tips. From Bantam.

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64750 C64/C128, Disk \$24.95

THE Print Shop



#1 BESTSELLER

PRINT SHOP. Do your own printing! Make greeting cards, stationery, banners, signs and posters, advertising flyers — you are limited only by your imagination. Completely menu driven for ease of use, the PRINT SHOP includes eight type styles in a wide range of sizes, dozens of pictures and symbols (like "clip art"), border designs, abstract patterns, and more! You can even design your own graphics with the built-in graphic editor. Combine the various elements to create your own unique design. Great for home or office! Package includes free samples of colorful paper and envelopes. From Broderbund.

Sug. Retail \$44.95

\$29.95

34658 C64/C128, Disk

PRINT SHOP GRAPHICS LIBRARY — DISK 1. 120 new ready-to-use graphic designs for the Print Shop! Topics include holidays, the Zodiac, sports, school, animals, and more.

Sug. Retail \$24.95

36174 C64/C128, Disk

\$19.95

PRINT SHOP GRAPHICS LIBRARY — DISK 2. More graphics featuring jobs, hobbies, people, health, travel, sports and music.

Sug. Retail \$24.95

40790 C64/C128, Disk

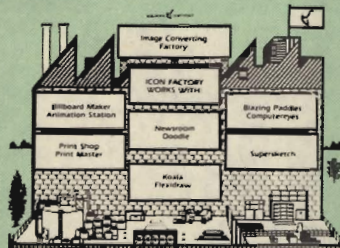
\$19.95

PRINT SHOP GRAPHICS LIBRARY — DISK 3. Expand your graphics library even more! Includes signs, symbols, activities, seasons, animals, and more!

Sug. Retail \$24.95

40803 C64/C128, Disk

\$19.95



ICON FACTORY

Take these great graphics from Newsroom, Print Shop and Print Master — enlarge and alter them. Then bring them into your popular drawing programs.

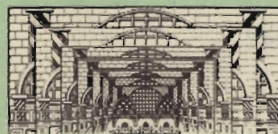
GET THE PICTURE?

ICON FACTORY is a new tool to convert graphics from one format to another and to actually improve the graphics in the process! You can convert them, blow them up, position them, etc. Graphics can be enlarged and smoothed with the amazing Optimizer. Icon Factory is compatible with Print Shop, Print Master, Newsroom, Doodle, Flexidraw, Blazing Paddles, Computereyes, Supersketch, Billboard Maker, Koala, and Animation Station. Although printing is optional, Icon Factory works with properly interfaced Star, Epson, Okidata, Commodore 801/1525, and compatible printers. From Solutions Unlimited.

Sug. Retail \$39.95

54213 C64/C128, Disk

Only \$29.95



BILLBOARD MAKER Create Giant 4 Foot Posters!

BILLBOARD MAKER lets you blow up your usual 6 1/2" by 8 1/2" screen printouts to an eye-popping 3 feet by 4 feet! How does it do it? First, it takes your original screen and divides it into either four or sixteen screens, each stored as a separate file. If you want, you can use the Optimizer function on high resolution pictures (like those from Doodle or Flexidraw) to smooth out jagged edges; you can even redraw or add new detail to the individual screens. Billboard Maker will then print out, using regular size paper, the enlarged image. (For example, a 16 time blowup prints as four "strips" which can be trimmed and pasted together for the full poster.) The program is compatible with Doodle, Print Shop, Flexidraw, Computereyes, Animation Station, Blazing Paddles, Koala, and Supersketch. Printers supported are Star, Epson, Okidata, Panasonic, Commodore 1525, Canon Color Inkjet, and compatibles. From Solutions Unlimited.

Sug. Retail \$39.95

54225 C64/C128, Disk

Only \$29.95

MORE



PrintMaster

from
Unison World

Create your own Greeting Cards,
Signs, Stationery, Calendars, and
Banners!

PRINTMASTER is a powerful new way to make great use of your computer and printer! You can create your own original Greeting Cards, Signs, Stationery, Calendars, and Banners. A built-in Graphic Editor lets you **make, alter, and save graphics**. A Text Editor lets you enter and format text. Preview mode lets you check your work **before** printing, a handy feature to avoid lengthy graphic printouts that don't turn out the way you expected. You can save your creations and print them later. Includes 122 graphics and background patterns, 8 type fonts, and 11 border designs.

54273 C64/C128, Disk

Sug. Retail \$34.95

\$29.95

PRINTMASTER ART GALLERY I. 40 new graphics for use with PrintMaster!

54282 C64/C128, Disk

\$19.95

PRINTMASTER ART GALLERY II. Another 140 graphics for PrintMaster, including flags, sports, people, fancy lettering, animals & many more!

54291 C64/C128, Disk

\$19.95

SPRINGBOARD

CERTIFICATE MAKER

A great motivator for home, school, or business!
Recognize & encourage all kinds of achievements!

Did your child clean his room for the first time in six months? Did one of your piano students finally master a difficult piece? Did your new salesperson get a big order? Now you can quickly and easily recognize major, not so major, and even trivial achievements with this great new software package from Springboard, the creators of the best selling Newsroom.

CERTIFICATE MAKER provides **over 200 awards and certificates** to recognize, reward, and encourage all kinds of achievements. It's perfect for use in schools, businesses, clubs, and at home.

Certificate Maker lets you select from dozens of categories and designs — all great to give or receive. Certificates can be personalized for each recipient, and text areas can be filled with creative wording and detailed descriptions. Print out one certificate at a time, or for an entire list of people.

Over 3 dozen gold seals and colorful stickers are included to add personality to your awards. All in all, Certificate Maker is a wonderful way to encourage and reward kids, students of all ages, and even adults — turn any achievement into something memorable!

44255 C64/C128, Disk

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\$39.95



By Mark R. Rubin

40 NEW PRINTER FONTS!

"A very good buy and an exceptional program to work with."

"Breathtaking. . .one of the bargains of the year."

—RUN

—Software Shopper

DOODLE. Fast, easy and fun! Whether you are a part-time doodler or an accomplished artist, you can create incredible images on your C64 or C128. Doodle turns your computer into a tool for unlimited design and artistic creativity! Regardless of your age or artistic skill, create anything you can imagine. . . from sketches to houseplans, to fine art, to business forms or letterheads that you can run off on your printer! Precise trackball or joystick operation, high-resolution graphics, program flexibility, and super ease of use add up to the friendliest, most versatile graphics program ever created for the Commodore. Special functions include duplicate, rotate, squeeze, reduce, enlarge, stretch and reposition. "Letter" commands let you put keyboard text and graphics characters on the screen in any size and direction. And, to show off your artwork, Doodle prints copies at the touch of a key — works with most popular printers including the Okimate 10 color printer. From Omni Unlimited.

36155 C64/C128, Disk

Sug. Retail \$39.95

\$26.95

COMPUTEREYES™



COMPUTEREYES Now you can capture real-world images on your computer's graphics display. **COMPUTEREYES** is an innovative device that connects between any standard video source (video tape recorder, video camera, video disk, etc.) and your Commodore. In only six seconds, a black and white image is captured using simple software. Unique multi-scan modes also provide realistic gray-scale images. Images can be saved to and recalled from disk.

Package includes interface module, complete, easy to use software, documentation, and one year warranty. Great for education, art, security, pattern recognition, robotics and artificial intelligence experiments and just plain fun. From Digital Vision. Sug. Retail \$129.95

38094 C64/C128, Disk

\$119.95

COMPUTEREYES MEETS NEWSROOM

NEWSROOM COMPATIBILITY SOFTWARE. Now you can use images acquired with your Computereyes system to illustrate newsletters and documents created with Springboard Software's popular **NEWSROOM** program (see page 27). The images are saved as Newsroom "Photos" and can be modified in the "Photo Lab" for use in printed documents. Finally the "Photo" can be cropped and saved for use by the Newsroom "Copy Desk." Add a personal touch to your newsletters with Newsroom Compatibility Software. From Digital Vision.

55613 C64/C128, Disk

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Computer
Foreign
Language Capabilities



FONTMASTER 128. The 128 version of the popular word processor Fontmaster II with all of its features (on-screen status/help display, font editor/creator, over 65 powerful text editing commands, two system setup module) plus these additional new features:

- *40+ Fonts (includes Russian, Greek, Hebrew, Arabic)
- *80 Columns — in 128 mode only
- *New formatters for inserting graphics into documents
- *New Font Preview displays printer output on screen
- *Multi-color Help Screens
- *Loads in under 10 seconds

Also included with package is a Foreign Language disk. Languages included are Spanish, French, German, Danish, Swedish, Korean and more. From Xetec.

64733 C128, Disk

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BCI SOFTWARE EXPANDS THE PRINT SHOP



Printers Library gives new flexibility to Print Shop. Add a huge new assortment of graphics and illustrations to your clip art library. The perfect addition for desk top publishing, special business, educational projects or just plain fun. Three new programs let you add a new dimension to The Print Shop. From BCI Software.



PRINTER'S DEVIL. Over 125 new designs, insignias, and graphics in assorted categories. Sug. Retail \$9.95
64955 C64/128, Disk \$7.95

PRINTER'S PATRIOT. Over 100 new designs, graphics, and insignias for the proud American. Includes patriotic, military and organizational insignia graphics and designs. Sug. Retail \$9.95
64965 C64/128, Disk \$7.95



PRINTER'S ARTIST. Draw your own pictures, or change the ones you have. Even color on your own monitor with 16 colors. Lots of extra features. Joystick required. Sug. Retail \$9.95
64977 C64/128, Disk \$7.95



Graphics Scrapbook

BRINGS NEW LIFE TO PRINT SHOP

EPYX presents an entirely new series of graphic art for Print Shop. Each disk contains over 100 new images with individual themes tailored to your needs.



GRAPHICS SCRAPBOOK — CHAPTER I — SPORTS. The finest in sports imagery. Covers over 15 different sports — football, baseball, soccer, track, tennis — even school mascots and skateboarding. From EPYX. Sug. Retail \$24.95
64936 C64/128, Disk \$19.95

GRAPHICS SCRAPBOOK — CHAPTER II — OFF THE WALL. Graphics that are off beat, hilarious, different, or downright outrageous. Includes a disk with arms and legs, skull and crossbones, unusual hearts, a cool Santa Claus and more. From EPYX. Sug. Retail \$24.95
64949 C64/128, Disk \$19.95



Publish your own newspaper with...
a sophisticated newspaper-making program
designed for journalists of all ages.

THE NEWSROOM

Whether you're an aspiring journalist, or you merely got stuck producing your club newsletter, THE NEWSROOM helps you design, produce and print out your own newspaper with ease and style! THE NEWSROOM's picture menu offers easy access to the six areas of activity.



THE NEWSROOM. Direct all the activities of a newspaper company from your computer. Journalists of all ages can easily create stylish publications for any purpose. In the **PHOTO LAB** select from a library of over 600 pieces of clip art, then combine, alter or create special pictures with the graphic tools. At the **COPY DESK** choose from 5 different typesets which automatically arrange around the artwork. Create **BANNERS** to top off your newsletter using extra large typefaces and borders. As **LAYOUT EDITOR** position and arrange the work easily. If you have a modem, the **WIRE SERVICE** sends and receives text and pictures between computers. Get the **PRESS** rolling and print out the newsletter on letter or legal size paper. Be sure to try our Astro Bright continuous sheet paper in vivid blue, red or gold listed below to attract everyone's attention. The Newsroom comes with a 75 page instruction booklet filled with ideas. From Springboard.

Sug. Retail \$49.95
\$34.95

38995 C64/128, Disk



CLIP ART COLLECTION

Expand the graphic capabilities of
THE NEWSROOM.



CLIP ART COLLECTIONS. Add variety to your NEWSROOM creations with these expanded clip art collections. They work in conjunction with THE NEWSROOM's original clip art disk to provide a wide range of choices. Requires THE NEWSROOM program.

Volume 1 — Over 600 pieces of general clip art from realistic art to cartoon-like characters; includes a group of classic pieces. Sug. Retail \$29.95
38976 C64/128, Disk \$21.95

Volume 2 — Over 800 pieces of clip art specifically designed for use in businesses. Categories include medical, accounting, photography, audio, computers, vehicles, people, office, dining and shipping. Sug. Retail \$39.95
38980 C64/128, Disk \$29.95

Volume 3. If you've experienced the thrill of victory, the agony of defeat, or simply the fun of anticipation, you've got a great story to tell. Now Springboard gives you over 600 pieces of exciting clip art representing a variety of sports and recreational activities. From Springboard. Sug. Retail \$29.95
60836 Commodore 64/128 Disk \$21.95

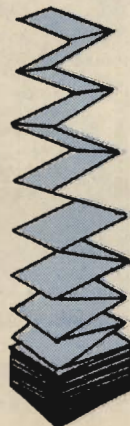
printing & graphics supplies

B-BRITE 3

Tired of plain printer paper?
Boring banners?
Ho-hum handouts?

Wake up your copy with ASTRO-BRIGHTS color paper! This three-color assortment pack provides you with 100 sheets each of sky blue, cherry red, and bright gold continuous sheet, 60 pound paper for your tractor feed printer!

ASTROBRIGHT PAPER is the perfect partner for the PRINT SHOP program (see page 25). Adds excitement to postcards, signs and posters... even greeting cards!
37439 Printer Paper — Color assortment pack (300 sheets) \$17.95



PRINT CUSTOM DESIGNS ON T-SHIRTS... IN COLOR WITH YOUR COMPUTER AND PRINTER!!!

From **UNDERWARE™**

Make iron-on transfers from your own computer designs! Use the Print Shop (see page 25) or other graphics/drawing programs to create your design on the computer screen. Making the transfer is easy. Just print the design on plain paper using an Underware Ribbon, then iron it on to your own T-Shirt! Each ribbon makes 30-100 permanent and washable transfers.

Add Color!

With a set of Underware ColorPens in red, blue, green, orange and yellow, you can color in the plain paper transfer before ironing. Then iron as above, and the colors transfer too! You can also purchase Underware ribbons in red, blue, green, yellow, brown and purple, if you wish to print your complete design in color. Either way you'll have lots of fun creating your own color T-Shirt designs! Underware Ribbons and ColorPens are available in an economical ColorPack that includes 1 black Underware ribbon and 5 Underware ColorPens; red, blue, green, orange and yellow. Or the items may be purchased separately if you need refills or want to put together your own set. Order the set that's compatible with your printer. From Diversions, Inc.

54721 ColorPack for Star/Okii Printers with Spool Ribbon

\$22.95

54730 ColorPack for Epson FX-70/80 Printers

\$22.95

54839 Jumbo ColorPens (7 pens: as above plus black and brown)

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FAST LOAD. Do you sit waiting while your 1541 disk drive takes nearly forever to load your favorite software? Now you can load, save, and copy disks **up to 5 times faster than normal.** This incredible cartridge does even more. With it you can load the first program with a single keystroke; call up a directory without losing the program currently in memory; copy a single file or the whole disk; display and print disk sections, plus much more.

How good is this program? Well, we look at a lot of software here at Tenex Computer Express, and we wouldn't be without it — we keep it permanently installed in our computer. Its compatibility has been phenomenal, too — virtually all software is compatible, even copy protected titles. We don't think there is a Commodore 64 or 128 in the world that couldn't benefit from Fast Load.

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Now Only **\$24.95**

VORPAL UTILITY KIT. This useful utility provides a number of powerful tools for the C64 and C128. Features include a 1541 head alignment utility; file recovery; super-fast disk formatting; file backup and disk backup; speed checks for the 1541 and 1571; and the unique Vorpal save/load utilities which place user-created files and programs in Vorpal format enabling consumers to load their disks up to 25 times faster than normal.*

From Epyx.

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\$26.95

*Please Note: Will not speed up the loading time of "Off-the-Shelf" programs that are copy protected. For this function order Fast Load.



THOUGHT PROCESSOR

OUT-THINK™

CPM Software for C128!

OUT-THINK is a new kind of software called an outline processor. Sometimes called an idea processor, this type of software lets you work with ideas as you create, develop, and express them through the written word. The benefit to you is a boost to your thinking and writing processes. You can harness the computer's power to help you plan, brainstorm, write, learn, study, organize thoughts, classify data, analyze ideas, catalog items, track information, and make presentations.

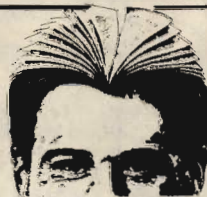
OUT-THINK features extraordinary ease of use and ease of learning. You'll be able to organize your thoughts like never before. Whether you are writing a term paper, organizing a new sales campaign, or working on the Great American Novel, **OUT-THINK** is the tool you need. Runs in CPM on the C128, and requires at least one 1571 disk drive.

65043 C128 (CPM mode), Disk

Sug. Retail \$69.95
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**Read any
good minds lately?**

Mind Prober



MIND PROBER from Human Edge lets you do just that — read people like a book! You can discover things about them they wouldn't dream of telling you. All you do is answer a series of questions and agree or disagree with a list of adjectives describing a specific person. In minutes, your Commodore computer can show you their strengths, weaknesses, sexual interests, and more.

The Mind Prober delivers a personality profile so accurate, it's frightening. You'll know what makes them tick. That's a tremendous advantage in figuring out how to get what you want from someone. In a business situation, or a personal situation.

55627 C64/C128, Disk

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\$26.95



CSM SOFTWARE, INC.

Solve disk drive alignment problems yourself!

1541 DISK DRIVE ALIGNMENT. Why pay a fortune to have your 1541 drive aligned? Why wait days or weeks with your system down? Now you can do it yourself in about an hour, even if you have never seen the inside of a disk drive before. No special tools or equipment are required. Here's what Computel's Gazette said:

"...with 1541 Disk Drive Alignment from CSM Software, you can fix it [the disk drive] yourself in an hour or so and the program will pay for itself the first time you use it. ...No technical expertise is required to accomplish the alignment procedures, and the manual accompanying the program thoroughly describes the procedures."

CSM Software are well known experts in the area of disk protection. Their extensive experience with the 1541 drive has allowed them to create this program and to make the manual complete and easy to understand. Start saving time and money now! Over the lifetime of your system, this valuable program will pay back its modest cost many times over!

35823 C64/C128, Disk

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\$39.95

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ACCESS
Software Incorporated

MACH 128. If you're the proud owner of a C128, and see a 1571 disk drive in your future, **MACH 128** will be useful now and when you upgrade. This fast-loader and DOS enhancement package operates with both the 1541 and 1571 drives. Offers program loads up to 700% faster with the 1541 and "burst speed" loading with the 1571, a handy reset button for "warm starts," switch selection of operational modes, short-hand DOS commands, 40 and 80 column screen dumps and many other useful features. From Access Software.

Sug. Retail \$49.95

39024 C128, Cartridge, Disk

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SPEED DEMON PLUS!

MACH 5. This cartridge from Access is a powerful collection of programs that enhance the capabilities of your C64 with a 1541 disk drive. 95% of all programs will load up to 500% faster. Mach 5 adds new "single keystroke" commands that make using your 1541 easier and quicker. The cartridge also frees up an additional 4K of space for your BASIC programs.

Sug. Retail \$34.95

35838 C64, Cartridge

\$27.95

SPRITEMASTER. This is not just another sprite editor. It's the finest utility available for multicolor sprite animation and game programming. It will have you making full color animated objects in just minutes! People running, birds flying or tanks rolling are a snap. It will automatically send sprites to other programs. Includes full 21-page manual and samples of animated sprites to get you started. From Access Software.

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13794 C64/C128, Disk

\$19.95

TIMEWORKS

**Don't be jealous of
your friends with
Sidekick. . .
Get PARTNER 128!**

- Cartridge Based
- Memory Resident
- Use with other programs

PARTNER 128 is a memory resident "desktop accessories" program that is always there when you need it — even when you are running other programs. Like the famous Sidekick written for the IBM and other computers. **PARTNER 128** stays "hidden" until you call it — your other program is temporarily put on hold. When you exit **PARTNER 128**, your other program comes back right where you left off! Includes Appointment Calendar and Date Book, Memo Pad, Phone List and Auto Dialer, Name and Address List, Calculator, Typewriter, Label/Envelope Maker, and Screen Print functions. A first for the Commodore world!

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54312 C64, Cartridge

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SPEEDTERM-128. Abacus introduces a highly flexible command driven terminal package for the C128. A huge 41K text buffer allows downloading to the buffer or a disk. Works in 40 or 80 column mode. Supports Commodore and Hayes-compatible modems. Uses Xmodem and Punter file transfer protocol. V52 terminal emulation mode includes cursor key. Includes manual with tutorials and information on various database services.
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54342 C128, Disk \$34.95

ENTER THE EXCITING WORLD OF TELECOMPUTING!

One of the most popular uses of home computers is to "talk" to other computers and computer users. The diversity of on-line services is staggering—from the latest news to airline schedules, from stock prices to interactive adventure games, from electronic mail to patent searches — all you need is your computer, a modem, terminal software, and a phone line. In addition to the national on-line databases like the Source, CompuServe, Dow Jones, and others, there are hundreds or even thousands of local "bulletin boards" run by users groups or individual enthusiasts. Telecomputing is so much fun and offers such a variety of activities that for many users it is the principal use of their home computer.

Economical Modems Designed For Commodore

ANCHOR AUTOMATION, INC.



300 Baud

VOLKS 6420

Auto dial/auto answer, Bell 103 compatibility, 300 baud speed, switchable pulse and tone/dialing, built-in audio monitor speaker, and auxiliary telephone jack are all standard features. Just plug the Volks 6420 into the User Port of your C64 or C128* and connect to your telephone line using the 6 ft. modular telephone cord (included). An added plus — the Volks 6420 comes with Autocom IV software on disk, supporting auto dial/auto answer, uploading and downloading, stores phone numbers and has more than 32K of memory available.
Sug. Retail \$99.00

38553 Volks 6420 Now Only \$59.95 \$79.95

*Compatible with C128 in C64 mode.



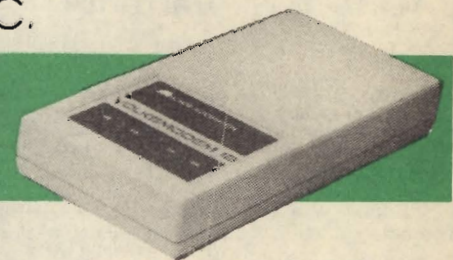
1200 Baud

VOLKS 6480

The Volks 6480 transmits at a fast 1200 baud! It can also be slowed down to 300 baud for maximum compatibility. It connects directly into the User Port of your C64 or C128* and doesn't need any extra cables, power supply, etc. Its features include: auto dial/auto answer, Bell 212A compatibility, selectable pulse and tone dialing, built-in audio monitor speaker, plus auxiliary phone jack. Your modem comes with FREE Autocom V software, supporting all regular modem features plus uploading and downloading of files, dialing from phone book, over 30K available memory, and more.
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40521 Volks 6480 Now Only \$134.95 \$159.95

*Compatible with C128 in C64 mode.



VOLKSMODEM 12

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Auto-answer/auto dial, Bell 103, 212A compatible, 0-300-1200 baud speed, Hayes compatibility, and many more features make the Volksmodem 12 a great value at its breakthrough price. . . a truly "smart" buy!

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33988 "J" Cable for Commodore C64/C128 \$34.95
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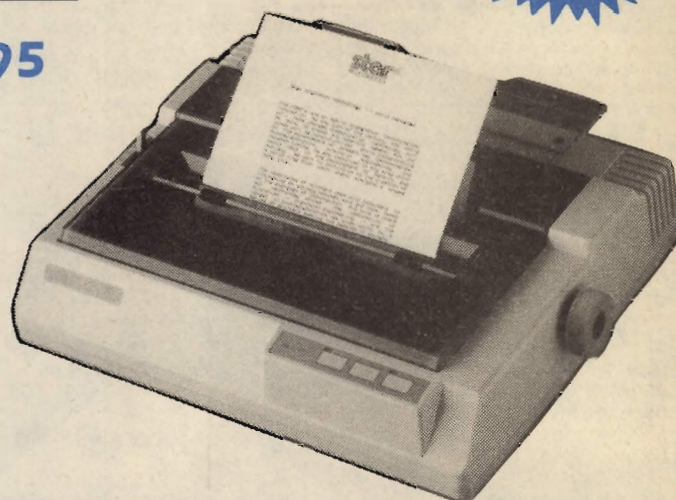
New

- Draft Printing and NLO
- Great for School or Home
- One Year Warranty

NP-10. Ideal for school and home use, the newest printer in the Star line promises to be a best-seller due to its great features and unbeatable price! You get superb draft printing at 100 cps and it's easy to switch to crisp, precise Near-Letter-Quality at 25 cps. Easy front panel operation allows you to change modes at the simple touch of a button. Tractor and friction feeds standard. Printing is bidirectional in draft mode and unidirectional in bit image and NLO modes. Five character sets are available in draft mode including italic and international characters, with three sets available in NLO. 2K buffer. Standard parallel interface. Full one-year warranty.

64204 NP-10 Printer
64248 Ribbon for NP-10

Sug. Retail \$279.00
\$189.95
\$6.95



NX-10C Commodore Ready!

The NX-10C has a built-in Commodore interface. . . just plug it in and you're ready to print! Emulates a Commodore 1525 graphics printer — underlines too!

55766 NX-10C Printer
41666 Ribbon for NX-10C, NX-10, NL-10

Sug. Retail \$349.00
\$229.00
\$7.95

PRINTER INTERFACES FOR YOUR C64/C128

PPI WITH GRAPHICS **\$39.95**
Just plug it in — no dip switches to set. Lets you connect to any standard parallel printer. See page 34.

G-WIZ **\$39.95**
Special sale on this popular parallel printer interface. See page 34.

XETEC SUPER GRAPHIX **\$69.95**
Parallel interface with 8K buffer and top mounted dip switches. See page 34.

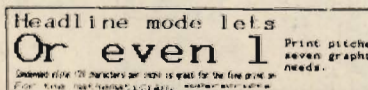
XETEC SUPER GRAPHIX JR. **\$49.95**
More economical version of above. See page 34.

MICROGRAPHIX **\$69.95**
Includes CPIM mode. See page 34.

NX-10

**Faster, quieter •5K Buffer
Push Tractor
and
Friction Feed**

Print samples:



The **NX-10** features easy front panel operation. . . no more fumbling with dip switches to change modes and functions! With the NX-10, you simply touch a button on the control panel to select the typeface and print pitch, or to switch from draft to near-letter-quality mode. You can even set margins and align forms! Draft printing is bi-directional at 120 cps. Near-Letter-Quality mode prints at 30 cps with letters so crisp it's a shame to call it only "near" letter quality. The nine wire print head assures dense, readable characters, even in draft mode. Another new feature is the Auto Paper Feed. . . it only takes a flip of the paper release lever to automatically feed single sheets into the NX-10. They'll be in position and ready for printing! The big 5K buffer means your computer is free sooner for other tasks. Of course the NX-10 has that famous Star quality and state-of-the-art features such as true descenders, international character sets, IBM special and block graphic characters, and a full range of print size, column size, and character fonts.

The NX-10 has both push tractor and friction feed as well as the convenience of a clean, long-life ribbon cassette, forward and reverse paper feed and a nationwide service network.

The interface is standard parallel so you can use one of the interfaces listed above.

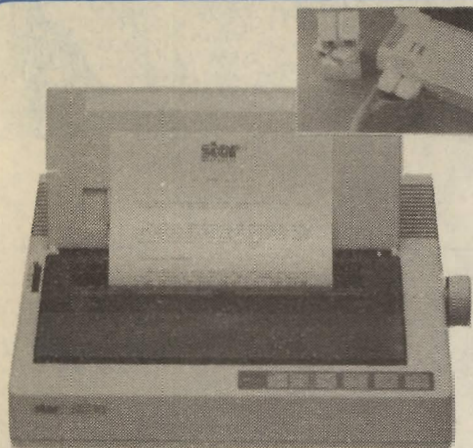
41366 NX-10 Printer
41666 Ribbon for NX-10/NL-10/NX-10C

Sug. Retail \$349.00
\$229.00
\$7.95

\$229

**Full 1 Year
Warranty**





star
micronics • inc

\$89.95

**SUPER
QUIET!**

All printers from Star
Micronics feature a
ONE YEAR WARRANTY
(includes printhead!)

NL-10

- Plug-In Interface Cartridge
- Provides Easy Printer Connection!

NL-10. Interfacing has never been easier! Just insert the commodore cartridge and your Star NL-10 is ready to print! Of course the NL-10 features that unbeatable Star print quality. You get Near-Letter-Quality printing at 30 cps and superb draft quality at 120 cps. A touch panel on the front of the printer sets the print pitch, selects the typeface, and chooses print quality. You can even set left and right margins, make top-of-form settings and control forward and reverse feed. Never before have so many features been so easy to use! The NL-10 uses regular fanfold paper (adjustable tractor feed is standard) or single sheets. Single sheets are easily fed into the printer by moving the paper release lever forward. Other standard features include long-life ribbon cassette and a nationwide service network.

54526 NL-10 Printer

Sug. Retail \$319.00

54535 Commodore Interface

\$229.00

54547 Parallel Interface

Sug. Retail \$60.00

\$49.95

41666 Ribbon for NL-10, NX-10, NX-10C

Sug. Retail \$60.00

\$49.95

\$7.95

NX 15 - FULL 15.5" WIDTH WITH OUTSTANDING QUALITY

NX-15. If you need a printer that can not only handle full size computer paper (up to 15.5" wide), but gives you great features and beautiful Near-Letter-Quality printing, the NX-15 is it! Offering high speed (120 cps) draft printing, plus great NLQ (30 cps), convenient front panel switches, a full range of type fonts, both friction and tractor feed, a special easy-feed lever for single sheets, and much much more, the NX-15 is great for business users or serious home users. Prints up to 233 columns in condensed mode — great for big spreadsheets or reports. Built in 4K print buffer. Parallel configuration is standard, so you can use it with any parallel interface.

55807 NX - 15 Printer

\$349.00

55961 Ribbon for NX - 15

\$10.95

stx-80

THERMAL PRINTER

A full 80 column thermal printer, perfect for use where quiet operation is important. Features nine element printhead for superb graphics. All 96 ASCII characters, PLUS 51 European characters, PLUS 64 block graphic characters. Bidirectional printing at 60 characters per second. Uses standard 8.5 inch thermal printing paper roll. Has a standard parallel interface.

Sug. Retail \$199.00

19657 STX-80 Printer

\$89.95

19676 Thermal Paper (two 100' rolls)

\$11.95

WHITAKER THERMAL PAPER

34573 Thermal paper (82' roll)

\$9.95

34568 Thermal Paper (100 Single Sheets)

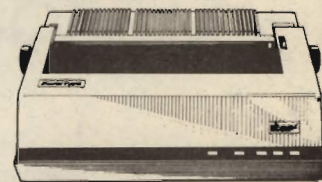
\$10.95

Letter Quality DAISYWHEEL PRINTING

from **Star Micronics!**

PowerType

\$239 While Supplies Last



POWERTYPE is a letter quality daisywheel printer. The PowerType offers bidirectional printing at a fast 18 cps with 10, 12, or 15 CPI print size and proportional spacing. Over 100 type fonts are available (PowerType uses standard Qume print wheels.) The printer comes with dual interface (serial and parallel) along with 32 easy-access format switches. Comes standard with friction feed; optional tractor feed is available. PowerType uses standard Diablo Hi-type I or II cassette ribbons. Requires either parallel or serial interface.

Sug. Retail \$499.00

31064 PowerType Printer

NOW ONLY \$239.00

31079 Optional Tractor Feed

\$54.95

31083 Film Ribbon Cassette

\$7.95

New

star
micronics • inc

NB-15

THE ULTIMATE BUSINESS PRINTER

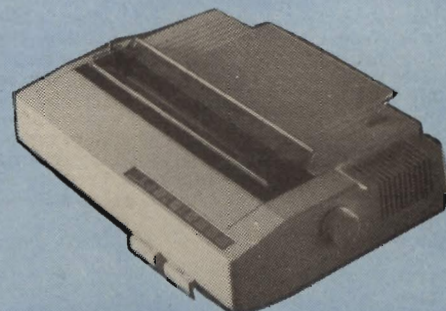
NB-15. The ideal business printer must deliver impeccable letter quality suitable for formal documents and correspondence. . . and at high speeds: 300 CPS for drafts, and 100 CPS for letter quality. The ideal printer must give you a wide choice of types, Prestige, Prestige Italic, Letter Gothic, Courier, Courier Italic and Orator. You also want easy selection. Just a touch selects page length (8 choices), print pitch (4 choices), typeface (Std., Font 1 or 2), and picks either draft or letter mode. The

ideal printer must be fully compatible with IBM-PC and accept all software for the Epson LQ 1500. You want all this PLUS these extra features: exchangeable interface board, automatic paper feed, forward and reverse microfeed, left and right margin set, top of form set, hex dump, panel mode. The NEW STAR NB-15 offers ALL THESE features and makes them even more desirable because this high quality printer is incredibly affordable!

63163 NB-15 Printer

Sug. Retail \$1449.00

ONLY \$999.00



**ORDER
TOLL-FREE**

1-800-348-2778

INDIANA ORDER LINE 1-800-225-6838

INFORMATION 1-219-259-7051. ORDER STATUS HOTLINE 1-219-259-7053.

Printer Showcase

A Commodore-Ready Dot-Matrix Printer with Advanced Features

from **SEIKOSHA**
For Only \$189.95



The **SP-1000** printer from Seikosha features a direct-connect Commodore interface. . . just plug it in and print! No need to buy any other cables or interfaces. Just look at these great features! A print speed of 100 cps in draft mode, with the added plus of reduced noise level. Or slow it down to 20 cps for Near-Letter-Quality printing (check the "Print Sample" and we think you'll agree this is excellent quality type). Pin-feed and friction-feed are standard on the SP-1000, along with an automatic paper loading function. Character sets include pica, elite, proportional, elongated, condensed, italic, and super/subscripts along with underlining, bold print and double-striking. Also includes right and left margin set function, 1.5K buffer, self-test, and dot-addressable graphics. This Seikosha SP-1000 printer is backed by an exceptional full 2-year warranty! Buy with confidence. From Hattori Seiko Computer Peripherals.

Sug. Retail \$270.00

\$189.95

54643 SP-1000

54652 Ribbon for SP-1000

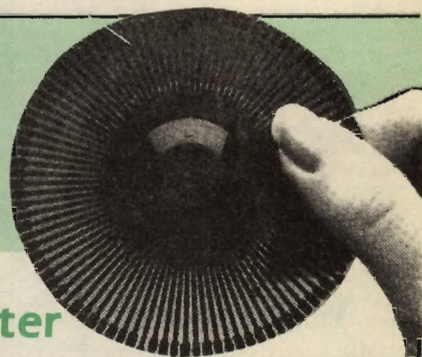
\$8.95



789 ; <=> ? @ ABCDEF
<=> ? @ ABCDEFGHIJKLM
789 ; <=> ? @ ABCDEFGHI
/0123456789 ; <=> ? @ ABCDEFGHI
789 ; <=> ? @ ABCDEF
<=> ? @ ABCDEFGHIJKLM
789 ; <=> ? @ ABCDEFGHI



TRUE LETTER QUALITY PRINTING FOR ONLY \$159.95!!



The Royal LetterMaster

At last. . . a truly affordable daisywheel printer! Turn your Commodore 64, 128, or 64C into a Homework Machine for the kids. Their book reports, letters and special assignments will have an impressive, grade-A look. And when the homework is finished, Mom and Dad can print their own word processing projects — club reports, newsletters, recipes, mailing lists, and more!

Letter Quality Printing

The secret to the true letter quality printing of the LetterMaster is its 94 character printwheel. An Elite 10/12 ASCII printwheel comes standard with the LetterMaster, and a Pica 10 ASCII printwheel is available. Enjoy the crisp, clean, perfect type of the highest quality typewriter for your word processing!

Easy Interfacing

Connecting the LetterMaster to your personal computer is quick and easy through the built-in Centronics parallel connection. Use any of the interfaces listed on page 34.

Features

The LetterMaster prints at a speed of 8 characters per second, at 12 characters/inch and features underlining and bold printing capabilities, variable line space of 1 or 1½, adjustable paper guide for the use of single sheet or continuous form paper, test print mode, on/off line indicator, and three-copy carbon capability. An innovative ink roll printing system replaces the usual ribbon cartridge found on other printers.

All this adds up to a printer the whole family can use — at an unbeatable price! From Royal.
Sug. Retail \$239.95

54634 Royal LetterMaster Printer

54664 Ink Roll for LetterMaster (Package of 2)

54703 Elite Printwheel for LetterMaster

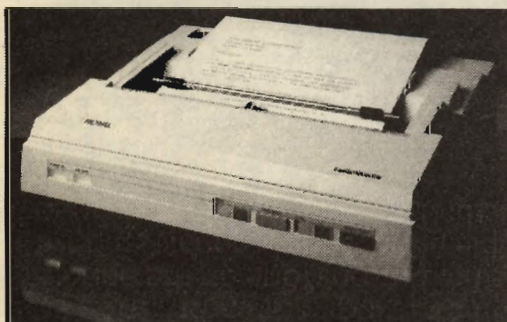
54712 Pica Printwheel for LetterMaster

ONLY \$159.95

\$7.95

\$12.95

\$12.95



| | | | | | | | | | | | | |
|---|---|----|---|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I | J | K | L | M |
| N | O | P | Q | R | S | T | U | V | W | X | Y | Z |
| a | b | c | d | e | f | g | h | i | j | k | l | m |
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| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | , | . | / |
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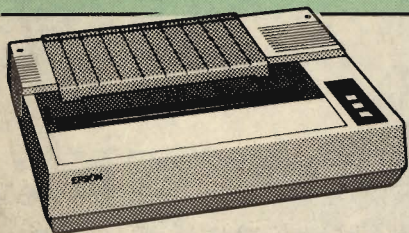
32 **ORDER TOLL-FREE 1-800-348-2778**

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INFORMATION 1-219-259-7051. ORDER STATUS HOTLINE 1-219-259-7053.

The printer chosen by more computer enthusiasts than any other.

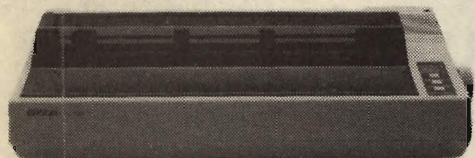
EPSON

All EPSON printers come with ONE YEAR manufacturer's warranty. Buy with confidence!



New
SUPER FEATURES!
160 CPS

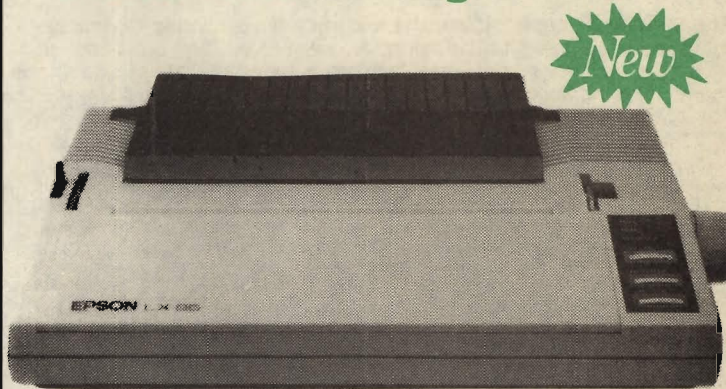
FX-85E. The new FX-85E printer is an improved version of the famous FX-80. High speed operation at 160 characters per second is further enhanced by a huge **8K buffer** which greatly reduces computer "waiting time". Near-Letter-Quality print at 32 cps is switch selectable and features beautiful serif characters — must be seen to be appreciated. Built-in centering and justification are handy, too. New low noise lid helps contain sound problems. The FX-85E handles 9 1/2" paper. This printer is ideal for office use due both to its rugged construction and its outstanding performance. Use parallel interface to connect a Commodore. Sug. Retail \$549.00
65249 FX-85E Printer \$409.00



New
200 CPS

FX-286E. Turn out drafts at high speed, [200 cps] Near-Letter-Quality copy at 40 cps, and graphics of superb resolution. SelectType gives you numerous typestyles at the touch of a button. Standard tractor and friction feed accommodate virtually any type of paper. The interface is standard parallel, and a special "dual identity" allows you to switch from Epson standard code compatibility to IBM printer emulation. You can even get built-in IBM graphics character sets for sharp resolution in graphics, charts and illustrations. Bi-directional, logic-seeking print. Includes a big 8K internal buffer. Wide 136 column carriage handles paper up to 16 inches wide. Full one year warranty. Sug. Retail \$799.00
65254 FX-286E \$599.00

**Business Quality Printing
At A Home Budget Price!**



EPSON LX-86 — 120 CPS

LX-86. Zip through draft copies with speedy 120 cps bidirectional printing. . . or produce finished copies with a high quality typewriter style appearance in a 16 cps near-letter-quality mode. The LX-86 uses the industry standard parallel interface, and has dip switch selectable "dual identity," Epson Standard Code for printers and IBM printer emulation. Full one year manufacturer's warranty. Great combination of performance and value! Sug. Retail \$349.00
55796 LX-86 Printer \$269.00
34662 Ribbon for LX-86 \$6.95

printer interfaces & accessories

PRINTER RIBBONS AND ACCESSORIES

Enhance your system and improve efficiency with these useful products.

AXIOM

—Ribbon for GP-550

33814 \$ 7.95

EPSON

—Vertical tractor unit for FX-80, allows use of any width pinfeed paper such as one-up labels. Without this unit, pinfeed paper must be standard 8 1/2" width.
—Ribbons, black inked fabric, three million character life. Simple drop-in cassette. Fits all MX, RX, FX-85 and FX-85E models.
—Ribbon for MX, RX, FX-100, FX-286 and FX-286E models.
—Ribbon for Spectrum LX-80 and LX-86.
—Dust covers, top quality antistatic vinyl protection for MX, RX, and FX-80 models.

22070 \$44.95

19200 \$ 5.95

19215 \$19.95

34662 \$ 6.95

19272 \$ 8.95

LEGEND

—Ribbon for 808 Printer

36474 \$ 9.95

SEIKOSHA

—Ribbon for SP-1000

54652 \$ 8.95

ROYAL

—Ink roll for LetterMaster (Pkg. of 2)
—Elite Printwheel for LetterMaster
—Pica Printwheel for LetterMaster

54664 \$ 7.95

54703 \$12.95

54712 \$12.95

STAR MICRONICS

—Ribbon for NX-15 **55961 \$10.95**
—Ribbon for NP-10 **64248 \$6.95**
—Ribbon for NX-10, NX-10C, NL-10 **41666 \$ 7.95**
—Ribbon for Gemini 10X, SG-10, SG-10C, 15 **21631 \$ 2.49**
—Ribbon for SD-10 **34713 \$ 8.50**
—Ribbon for SD-15 **34727 \$11.95**
—Ribbon for SR-10 **34732 \$11.95**
—Ribbon for SR-15 **34746 \$13.95**
—Ribbon for PowerType **31083 \$ 7.95**

Serial interface adapter for Gemini 10X

—Tractor feed option for PowerType
—Thermal printer paper for STX-80 (two 100 ft. rolls)
—SG-10 Users Manual
—Gemini 10X Technical Manual
—SG-10 Technical Manual
Technical manuals include schematics, flow charts, parts lists, diagrams, trouble shooting, etc.

21626 \$54.95

31079 \$54.95

19676 \$11.95

34799 \$15.95

34784 \$19.95

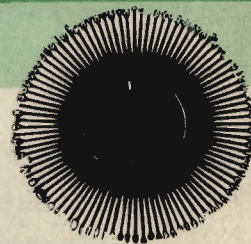
34802 \$19.95

LABELS

Self-adhesive, on continuous pin-punched carrier for tractor drive printers.
—5000 labels with one label across. Carrier width 4 1/4". Label size 3 1/2" x 15/16".
—3000 labels with 3 labels across. Carrier width 9 1/2". Label size 2.75" x 15/16".

19267 \$13.95

22277 \$14.95



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PPI
T.M.

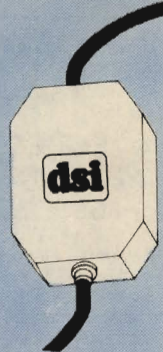
*with
graphics*

"Another one of the fastest
graphic interfaces that
we time tested."

Info 64 Product Review

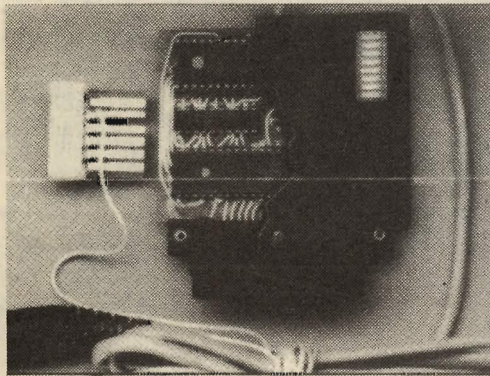
The Most Economical and Powerful Graphics Printer Interface We've Ever Offered!

The **PPI INTERFACE** from DSI will let you connect any standard parallel printer (including Epson, Star, Okidata, and many more), to your C64, C128 or VIC20 computer. The PPI does it all: graphics, text, Commodore graphics, expanded, reversed, and condensed characters. Fully shielded to avoid interference, the PPI has no confusing DIP switches. Just plug it in and it works. The PPI has been proven with many popular software packages, including Print Shop. High Speed Graphics buffer avoids super-lengthy print times. Connects to computer or disk serial port and computer cassette connector (for power only). No other cables needed. A fast and easy way to start printing.
33565 PPI Interface Cable,
Sug. Retail \$49.95
\$39.95



G-Wiz Interface

G-Wiz Performance + Value = CARDCO



Cardco, the company that developed the all-time best selling Commodore Interface, the +G, has reached into their bag of tricks and introduced a worthy successor. With on-board buffering for more speed, and a price about 30% less than the +G, the new G-Wiz sets a new standard for performance and value. A G-Wiz exclusive is Aspect Ratio Selection — it matches graphics characters to standard characters on Star, Epson, Okidata, Prowriters, Smith Corona, C-ITOH, Gorilla, and many other dot matrix printers. This means you can perfectly align high resolution graphics characters within text blocks, or in columns. We have no doubt that the G-Wiz will become the new standard of performance and value in the Commodore printer interface market. 30 day warranty from TENEX.
Sug. Retail \$69.95
34484 G-Wiz
NOW ONLY \$39.95
(43% off previous retail price)

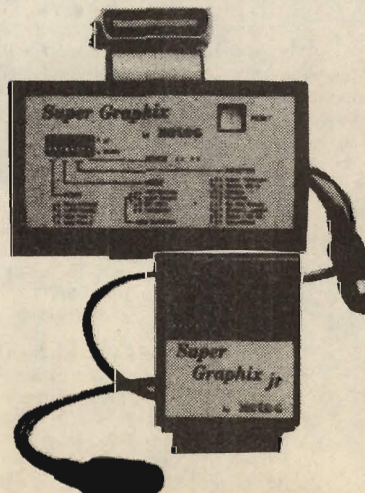
**WHILE
SUPPLIES
LAST!**

**LIFETIME
WARRANTY**

XOTEC INTERFACES!

SUPER GRAPHIX. This outstanding interface features an 8K print buffer, 10 printing modes, 3 internal screen dumps, and convenient top mounted dip switches that let you easily set the interface for most common printers including Star Micronics, Epson, Okidata, Prowriter, and others. Internal fonts support superscript, subscript, underlining, bold face, and a choice of 9 character widths.
Sug. Retail \$99.95
41769
Low Tenex Price \$69.95

SUPER GRAPHIX JR. A more economical version of the Super Graphix interface, the Jr. features graphics/normal quality printing, correspondence quality, and compatibility with all major printers.
Sug. Retail \$59.95
41774
Low Tenex Price \$49.95



RS-232 INTERFACES

New



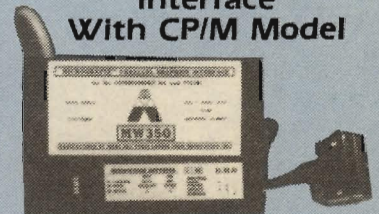
DELUXE RS-232 INTERFACE. Just plug the Deluxe RS-232 Interface into the USER I/O port of the C64, C128 (all modes), SX64, Plus4 or VIC-20 and you can connect standard RS-232 accessories to your computer such as Hayes compatible modems, packet radio controllers, voice synthesizers, EPROM programmers, etc. (PLEASE NOTE: Due to software compatibility, to hook up a serial printer we recommend the Serial Printer Interface listed below). From Omnitronix, Inc. Sug. Retail \$49.95
65098 Deluxe RS-232 Interface
\$44.95

New



SERIAL PRINTER INTERFACE. Allows you to hook up a standard RS-232 printer to the correct printer connection (Serial Bus) on your Commodore. Compatible with C64, C128 (in all modes), SX64, Plus4, and VIC-20. Supports all standard Commodore printer commands. From Omnitronix, Inc. Sug. Retail \$79.95
65105 Serial Printer Interface
\$69.95

MICROGRAPHIX™ Interface With CP/M Model



MICROGRAPHIX INTERFACE. This totally intelligent parallel printer graphics interface contains a complete microcomputer in a box and plugs into the standard serial port to connect your C64, C128 or 64C to a dot-matrix or daisywheel printer. The Micrographix provides virtually 100% emulation of Commodore printers, including many features other interface manufacturers had to leave out. It supports Commodore graphic characters (normal or inverse), normal and inverse alpha and numeric characters, dot addressable graphics, standard Commodore commands, and more! Here's the good news for C128 users...the Micrographix has a switch-selectable CP/M mode. Now you can use your printer with favorite programs like D-Base II and Wordstar!!!

If that isn't enough value, consider the big 10K buffer, self test, status report, detailed 50 page manual, and the ease of having all functions built in to the hardware (no additional software to load), and you'll be convinced the Micrographix is the interface you've been waiting for. 90 day manufacturer's warranty. From Micro R&D, Inc. Sug. Retail \$89.95
54673
\$69.95

TIED UP BY PRINT TIME?

Cut Output Time to Seconds Instead of Minutes

SAVE
\$90!



We were astonished when we tried out the new 64K printer buffer. We connected it between our computer and a daisywheel printer and cataloged a disk to the printer. To our amazement, the printer had just banged out the first few characters when the computer completed the task and asked for our next command. While the printer continued merrily on its way, we were able to use the computer totally independently. This was so much fun we tried it on word processing, mail lists, and other printing tasks — and were thoroughly impressed by the printer buffer's speed and versatility. Imagine printing a lengthy document in seconds instead of minutes! Think of the increase in personal productivity — while the printer is still working on one document, you can be loading and editing the next! The printer buffer will receive print data at rates up to 8000 cps and then send it to your printer at the printer's own print rate, freeing the computer for your next job. With 64K of usable RAM, the buffer has enough memory to hold approximately 45 pages of double spaced text or numerous pages of detailed graphics. Because the printer buffer has its own power supply, it will continue to hold data even if the computer or printer is turned off, or is off line. Start saving time now! Order your 64K printer buffer today at our low price of \$59.95. The buffer works with most parallel compatible computers and printers, plotters or modems. It's easy to install... just plug it in and it goes to work!

64K Printer Buffer

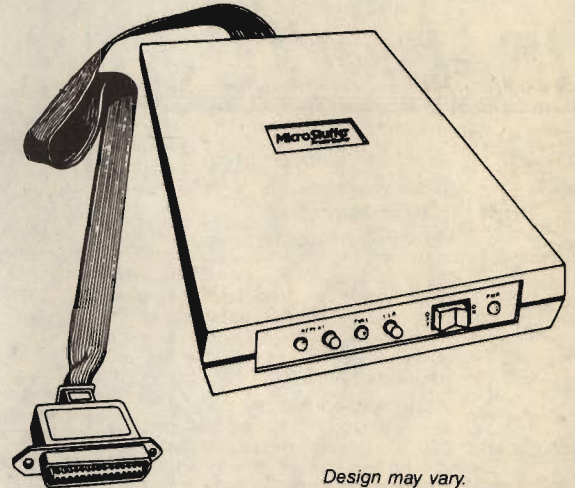
ACTUAL TIME COMPARISON

| | WITHOUT PRINTER BUFFER | WITH PRINTER BUFFER | | |
|------------------------------|--|--------------------------------|---------------------------------------|------------------------------------|
| | Gemini 10X direct connect to parallel output | Computer-to- Printer Buffer | Print Time Gemini 10X (120 CPS) | Print Time SCM TP-1 (12 CPS) |
| 1 Page Business Letter | 40 sec. | 4.5 sec. | 28 sec. | 2 min. 50 sec. |
| 8 Page Text Document | 8 min. 10 sec. | 46 sec. | 5 min. 43 sec. | (not tested) |

Not only does the printer buffer allow the computer to become available for other use within seconds, it can even result in substantially lower print times! (All tests were run on a TI 99/4A with parallel output; results will be generally similar for other computers and printers.)

34888 64K Printer Buffer

Orig. Sug. Retail \$149.95 **ONLY \$59.95**



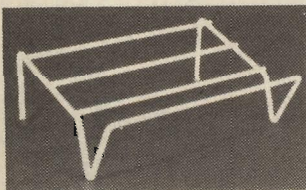
Design may vary.



Suncom

Space Saving

PRINTER STAND



At last a printer stand priced for homes and small offices! We've always liked the convenience and organization of an elevated printer stand — you can put your paper underneath the stand to save valuable table space and make feeding easier. The problem, up until now, has been price. Stands sold to the office market often cost \$40, \$50, \$60 or even more! These great stands from Suncom, a leader in microcomputer accessories, solve the price problem and offer features not found on models costing more than twice as much. The stands feature heavy duty welded steel wire construction and have a vinyl coating to reduce noise and vibration and provide an attractive appearance that will blend with your computer decor. Another plus that the designers of many more expensive stands left out: our Suncom stand holds the printer at an angle that makes it much easier to see your output as it is being printed.

We use one in our office and agree that this much convenience at such a low price is real value. Available in two widths: 12" for most 80 column printers (Gemini 10X, SG-10, NX-10, etc.), and 18" for most 132 column printers (Gemini 15X, SG-15, FX-100, etc.).

33232 12" Printer Stand

33246 18" Printer Stand

Now Only \$6.95 ~~\$14.95~~
Now Only \$12.95 ~~\$22.95~~

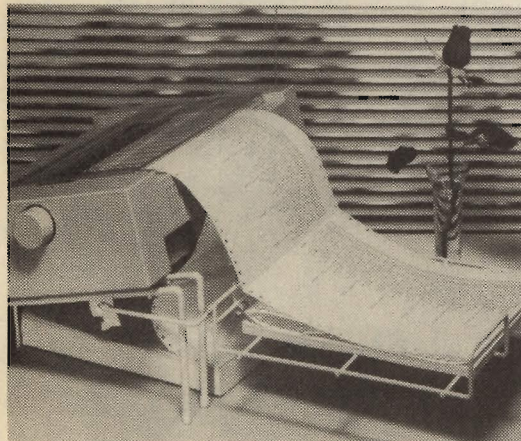
PAPER TRAY

Once Suncom gave us an efficient, economical printer stand, they went to work on another problem... what to do with the printout that comes out of the printer and tends to spill all over the table and floor and get into a real mess? They developed the Suncom Paper Tray! The tray is of the same solid construction as the printer stand and attaches to the rear of all Suncom stands. It receives the printed paper as it comes out of the printer and helps to neatly fold and stack it. A real labor saver!

42091

Sug. Retail \$14.95

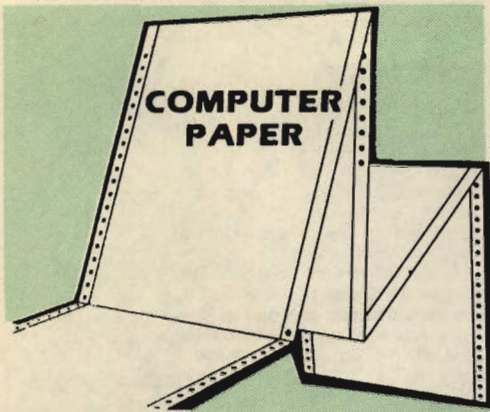
\$11.95



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Printer Interfaces & Accessories



NO PRINTER SHOULD BE WITHOUT IT!

COMPUTER PAPER. Handy packages of the best quality printer paper. Continuous 9½"x11" sheets of 20 # bond clear white paper, "Z" folded with ½" perforations on each edge. Tears clean for letterhead quality drafts. Each package contains 540 sheets.

29535

Only \$8.95

IB-BRITE 3



Tired of plain printer paper?
Boring banners?
Ho-hum handouts?

Wake up your copy with ASTROBRIGHTS color paper! This three-color assortment pack provides you with 100 sheets each of sky blue, cherry, red, and autumn gold continuous sheet, 60 pound paper for your tractor feed printer!

ASTROBRIGHT PAPER is the perfect partner for the PRINT SHOP program (see page 25). Adds excitement to postcards, signs and posters. . . even greeting cards!
37439 Printer Paper — Color Assortment Pack (300 sheets) \$17.95

PAPER TRACTOR™



PAPER TRACTOR. Carries ordinary sheet paper through your tractor-feed printer! Simply place your letterhead, checks, invoices, forms, even legal-sized sheets into the durable flexible plastic carrier and feed into your adjustable tractor-drive printer. Works with most printers; not compatible with some Commodore brand units.

22084

\$11.95

Disk Drive

MAILING LABELS

ONE-ACROSS

Self-adhesive labels furnished on continuous pin-punched carrier for adjustable tractor drive printers. Carrier width 4¼". Label size 3½" x 15/16". Quantity of 5000 labels with one label across.

19267

\$13.95

THREE-ACROSS

Self-adhesive labels on continuous carrier, as above. Carrier width 9½". Label size 2.75" x 15/16". Quantity of 3000 labels with three across.

22277

\$14.95

**FOR LOTS OF FUN
PRINTING SOFTWARE,
SEE THE "PRINTING
AND GRAPHICS UTILITIES"
SECTION — PGS. 24-27!**

Our Customers Speak

I just received my first issue of your catalog. Very impressive...

—Florida

COMMODORE 128 SOFTWARE

All the software for the Commodore 64 listed in this catalog will run on the C-128 in its C-64 mode. Even if the program description doesn't mention the C-128, it will run. Many firms have developed new software that will take advantage of the C-128's advanced features and bigger memory. These are designated as "C-128" software, and will run only on the C-128 in C-128 mode. The list of C-128 software is growing daily — contact our Customer Service Department for new additions that may not be listed in this catalog.

disk drive

Our Best Selling Disk Drive
Comes with Big Software Bonuses!

INDUS GT™

from
Future Systems
1 Year Warranty!

INDUS GT. The fact that this drive will operate up to 400% faster makes this drive a great alternative to the Commodore 1541 drive. Its compact size and sleek good looks are a plus, a built-in wedge makes it super-easy to use. The track display, built-in dust cover, electronic write-protection, and other features just aren't available on the competition. Everything about this drive is well designed. That's why we were surprised to see such a reasonable price on this standout performer. (And of course, our big discount makes this price even MORE reasonable.)

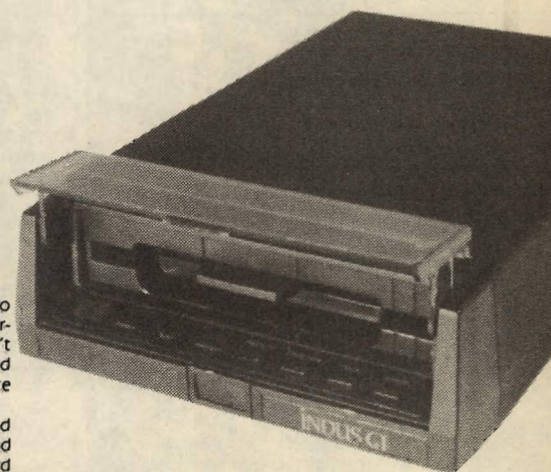
What REALLY knocked our socks off, though, was that Indus didn't just design a great drive package and sell it for an economical price — instead, they decided to make the drive practically pay for itself! Included with each drive is a sophisticated, user friendly software starter package consisting of a full-featured word processor, a flexible spreadsheet (up to 26 by 99 columns and rows), and a menu driven database manager. YOU COULD PAY HUNDREDS OF DOLLARS for these same applications if you purchased them separately! That's why we say the Indus GT is the most complete disk drive you can buy for your C64 — and the best!

Orig. Sug. Retail \$349.00

~~\$279.00~~

NOW ONLY \$199.00

33443 Indus GT



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\$199.00**



graphic aids

NOW
SHOWING...

New



GRAPHICS GALLERIA. A short-cut for creating your own finished graphic expression with Flexidraw. This collection of 15 to 20 pages of clip art was designed by Flexidraw owners and includes borders and signs, clip art potpourri, holiday themes, and maps of the world. All clip art and illustrations are in hi-res black and white and can be "painted" with color using Flexidraw's Pen Palette program. Graphics Galleria requires Flexidraw or Doodle. From Inkwell. Sug. Retail \$24.95
65027 C64/C128 \$21.95

New THE NEW GRAPHICS INTEGRATOR 2™

— BECAUSE ALL GRAPHICS PROGRAMS ARE NOT CREATED EQUAL

GRAPHICS INTEGRATOR. Supports all your favorite graphic packages including: GEOS • Flexidraw • Doodle • Print Shop • Print Master • Newsroom • Cadpak 64 • Computereyes • Billboard Maker • Animation Station • Super Sketch. Create self-running slide show programs. Also includes stand alone printer drivers. Requires C64 or SX64; C1541 or MSD Dual Disk Drive; and one of the above graphics packages. From Inkwell.

Sug. Retail \$29.95
65073 C64/C128, Disk \$24.95

Animation Station Suncom

Computer Design & Graphics Program



Create, Illustrate, Calculate

ANIMATION STATION. Unleash your creativity with Animation Station, a powerful utility for generating all kinds of graphics on your Commodore 64 or 128. Use the stylus or your finger to draw on the tablet, and see the results on the computer screen. Built-in, pre-drawn pictures give you a head start on your creations. Automatic generation of circles, ovals, squares, boxes, straight lines, typography and other geometric shapes give you all the tools of a self-contained, electronic drafting room. Combine type and graphics on the screen, draw in many colors, even connect to your VCR to create titles and graphics for home videos! Printer dump feature lets you have a hard copy of your work. Package includes design pad and graphics software on disk. From Suncom. Sug. Retail \$79.95
55632 Disk & Design Pad \$59.95

FLEXIDRAW

...the modern alternative to pencil & paper!

"The best drawing program around," says Midnight Software Gazette

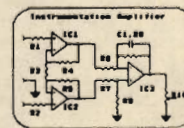
Now you can produce a wide range of drawings from simple free-hand sketches to complex CAD-type drawings. The FLEXIDRAW system consists of a light pen, master software disk, function key overlay and manual.



DRAWINGS



GRAPHS
CHARTS



SCHEMATICS

FLEXIDRAW. Light pen computer drawing has applications for artists, designers, hobbyists, programmers and others needing a top quality hi-res graphics input and editing system. The master disk has the main drawing routines for use with the light pen, as well as sample drawing library, symbol templates and a music synthesizer program. A programming mode lets you access the drawing routines from BASIC. The sprite editor/animator adds a great plus to FLEXIDRAW — there's no easier way to edit sprites than with a light pen. The most powerful feature is the ability to use a set of symbols (yours or ours) which can be moved to a second work screen and added to a drawing.

FLEXIDRAW is easy to use due to the sophisticated menu system which is similar to those of large computer drafting systems; maximum detail is possible. Free-hand drawing is very smooth because of an "averaging" function that filters out noise and jitter. From Inkwell Systems.

24619 C64/C128, Disk/Light Pen/Manual

Orig. Sug. Retail \$139.95
New Low Price \$89.95

FLEXIFONT. An indispensable addition to your Inkwell graphics system, gives you character generation ability at the touch of your FLEXIDRAW light pen. Choose from the 33 built-in letter styles or create your own with symbols and pattern libraries. Flexifont will copy, paste, flip, rotate, print, and edit saved or loaded symbols. Flexifont is an inexpensive necessity for creation of anything from official documents and newsletters to personal letters and formal invitations. Requires FLEXIDRAW.

37724 C64/C128, Disk

Sug. Retail \$29.95
\$24.95

LIGHT PEN PLUS SOFTWARE!

from

TECH SKETCH INC.

Light Pen and Micro-Illustrator



Everything you need to start having a ball creating pictures on your Commodore! A great light pen comes with Micro-Illustrator software — you can draw lines, circles, rectangles, rays, and more. You fill shapes that you draw with color. You can even erase mistakes. In the "magnify" mode, you can actually draw pixel by pixel for high precision. All illustrations can be saved to disk or printed to most common printers. The "icon" type menu makes this software extremely easy to use — you probably won't even need the manual! A "best buy" for doodlers and artists alike!

Sug. Retail \$49.95
31238 Light Pen & Micro-Illustrator \$34.95

TENEX Computer Express

COMMODORE 128 SOFTWARE

All the software for the Commodore 64 listed in this catalog will run on the C-128 in its C-64 mode. Even if the program description doesn't mention the C-128, it will run. Many firms have developed new software that will take advantage of the C-128's advanced features and bigger memory. These are designated as "C-128" software, and will run only on the C-128 in C-128 mode. The list of C-128 software is growing daily — contact our Customer Service Department for new additions that may not be listed in this catalog.



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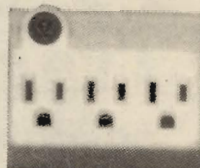
outlet strips/surge suppressors

ONLY
\$9.95

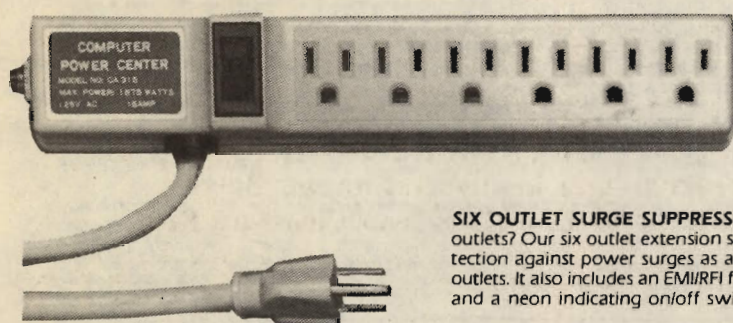
Our Lowest Cost Surge Suppressor. Ever!

THREE OUTLET SURGE SUPPRESSOR. When you're protecting expensive equipment, you don't mind investing in a surge suppressor. But when you can get protection and economy at the same time, it's an even **better** investment! Our surge suppressor offers full three-line surge protection and includes an EMI/RFI filter. A "Power On" indicator light lets you know the outlets are live. At this great price you can afford to protect every piece of your equipment — also perfect for expensive TV's, stereos, VCR's and other equipment. **55878**

Sug. Retail \$14.95
\$9.95



Six Outlet Surge Suppressor With Circuit Breaker



ONLY
\$17.95

SIX OUTLET SURGE SUPPRESSOR. Need more than three outlets? Our six outlet extension strip gives you the same protection against power surges as above, with three additional outlets. It also includes an EMI/RFI filter, a 15 amp circuit breaker, and a neon indicating on/off switch.

Sug. Retail \$29.95
\$17.95

55889

POWER COMMANDER™



POWER COMMANDER. This combination power control center/surge suppressor unit provides individual control of up to five system components along with a master on/off switch. Also protects your equipment against voltage surges and spikes, intermittent line noise and static. Built-in circuit breaker protects against system overload. Five year warranty. From PermaPower. **34924**

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\$99.00

TELE-LINE™ SURGE SUPPRESSOR

Protection From Phone Line Power Surges!

TELE-LINE SURGE SUPPRESSOR. Yes, just like a power line, your phone line can carry spikes and transients that can damage your equipment. The Tele-Line Surge Suppressor acts as a filter to provide complete protection for your equipment. Just plug Tele-Line into any electrical outlet (the indicator light will come on to let you know the unit is grounded), connect the unit to a modular phone jack with the included 7' cable, and plug in your modem, electronic phone or remote terminal. You're fully protected! A separate Tele-Line is required for each line in a multiple-line system. One year manufacturer's warranty. From PermaPower.

Sug. Retail \$39.95

40678

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accessories

from **micro fat®**
**POW'R
PAK 64**



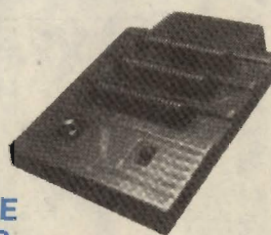
More than just a C64 power supply

POW'R PAK 128. We've redesigned our best-selling auxiliary power supply especially for the C128. . . same great features as the Pow'r Pak 64, only now with three surge protected outlets! **64488**

\$69.95

POW'R PAK 64 is a replacement power supply (1.5 amp) for the Commodore 64. . . but that's not all! Pow'r Pak also supplies two additional surge protected outlets (120V) for monitor, disk drive, or other peripherals. On/off switch. Fuse protection. Sturdy all-metal casing is ventilated for heat dissipation. Full 1 year warranty. **34910**

\$49.95



CARTRIDGE EXPANDER

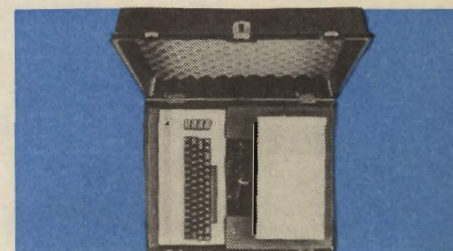
SAVE YOUR COMPUTER!

- Don't Wear Out Your Console and Cartridges!

CARTRIDGE EXPANDER. Stop wearing out your computer with endless cartridge swapping! This three-slot cartridge expander from Navarone keeps your most commonly used cartridges plugged in and ready for instant selection! Also lets you reset the computer independently of the power switch. This saves wear and tear on the cartridge and the computer! Save yourself one repair job and the cartridge expander has paid for itself several times over. The cartridge expander is great for Fast Load, too — keep it permanently plugged in and select or deselect as desired. Vertical slot design eliminates blind fumbling in back of the computer, too. A great buy! From Navarone. **33227** Three-Slot Cartridge Expander

Sug. Retail \$29.95
\$22.95

THE CASE FOR COMMODORE!



Whether you're looking for safe storage or safe transportation, this rugged and contemporary case is for you. All you need at your destination is a TV or monitor. Double walled construction from charcoal colored high density polyethylene won't rust or corrode and will not crack even at -105°F! Features chrome plated steel hinges, locking latches, and large luggage style handle. Interior is multilayers of die-cut charcoal gray polyester foam; perfectly fitting your components. Holds the C64 console, power unit, and a single disk drive. **30535** Model TCC, C64

Sug. Retail \$89.95

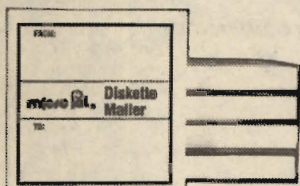
Only \$79.95



C128 40/80 COLUMN MONITOR CABLE. Our new cable to connect your C128 to any composite color or monochrome monitor lets you switch select between three modes: 1) 40 column color, 2) 40 column monochrome; and 3) 80 column monochrome. Plugs into both monitor connectors on the C128. Monitor end has RCA plugs for composite video and audio. A great way to use the 80 column feature on the C128 mode without the expense of an RGB monitor!

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40771 \$24.95

If You Mail Diskettes You Need This Protection!



Diskette Mailers from MICROPAL®

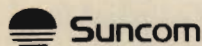
Our **DISKETTE MAILERS** are made from heavy corrugated cardboard and designed to give your diskettes the protection they need for mailing. The packet holds up to six diskettes and provides space for your "FROM" and "TO" addresses. Order in handy quantities of 5 or 10.

54682 5 MicroPal Diskette Mailers \$2.49
54691 10 MicroPal Diskette Mailers \$4.39

COMPUTER DUST COVERS Attractive Protection for your investment

DUST COVERS. Our dust covers are antistatic, translucent, 8 gauge vinyl, sewn to exacting standards with reinforced seams. These top quality covers are custom tailored with slots to accommodate cables and cartridges. Same size fits C64 and VIC-20 console.

20638 C64/VIC-20 Cover \$4.95
37336 C128 Cover \$6.95
65180 64C Cover \$6.95



Monitor Station™



MONITOR STATION. Now you can adjust the position of your computer's monitor — instead of it adjusting you. Suncom's Monitor Station does away with those stiff shoulders and neck pains after long working sessions. While reducing glare from lights, Monitor Station minimizes eye strain by tilting up to 12.5° and swiveling 360° until your screen is at just the right, comfortable angle. For monitors up to 14" screen size.

Sug. Retail \$19.99

55777 Monitor Station \$14.99



THE LAST STAND THE COMPLETE DESKTOP COMPUTER CENTER

THE LAST STAND™. If you're tired of having your computer and peripherals spread out all over your computer table, The Last Stand will get you organized! Made of smoke gray high impact acrylic, The Last Stand puts your system components in an easy-to-use order with all cabling placed efficiently behind the stand. Placement of disk drives improves cooling for more reliable operation. And there is plenty of room for more peripherals if you expand your system! Dimensions: 12" deep x 21" wide x 7" tall. Capacity: 1 keyboard, 2 floppy drives, modem, monitor and hard drive. From O & R International, Inc.

Sug. Retail \$44.95
65127 \$39.95

THE FINAL CARTRIDGE



YOUR COMMODORE CAN PERFORM LIKE NEVER BEFORE!

THE FINAL CARTRIDGE. Plug The Final Cartridge into your C64, C128 or 64C and you've got a library of useful functions at your fingertips, without sacrificing any working memory! The Final Cartridge provides:

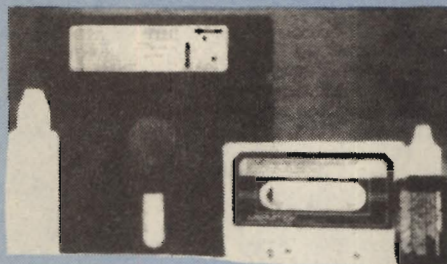
- Disk Turbo — load and save 5 times faster!
- Pre-programmed function keys for RUN, LOAD, SAVE, CATALOG, DISK commands and LIST.
- Extended machine language monitor.
- Parallel Printer Interface — prints Commodore graphics and control codes.
- BASIC Tool Kit — Automatic Line Numbering, Delete, Old, Renumbering, Find, Help, Disk Append.
- Backup Capability.

In addition, you get screen-dump, screen-freeze, and 24K RAM for BASIC programs. Full one year warranty! From Home & Personal Computers of America.

65114 The Final Cartridge

\$44.95

A Year's Worth of Cleaning for Under \$5.00! —Prevent Data Errors and Repair Bills— Disk Drive and Cassette Head Cleaning Kits



Take a few minutes to clean your disk drive heads and cassette recorder heads about once a month and you'll be rewarded with more reliable data reads and longer head life.

DISK DRIVE HEAD CLEANING KIT. Includes cleaning diskette, fluid and instructions. Provides 15 cleaning operations.

40569 \$4.95

CASSETTE HEAD CLEANING KIT. Contains cleaning tape, fluid and instructions. Recommended cleaning frequency — every 20 hours of use.

40574 \$3.95

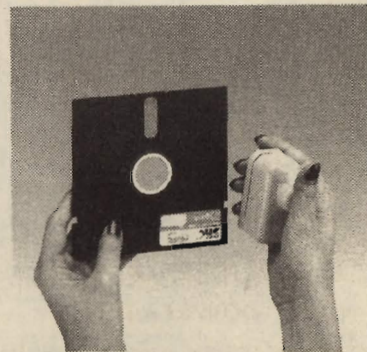
DISK DOUBLER

Double Your Storage By Using The Unused Side Of Your Disks!

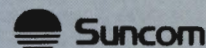
DISK DOUBLER. The Commodore uses single sided disks. As you may have noticed, however, these disks actually have magnetic media on both sides. Even though the back side of a single sided disk isn't certified, in almost all cases it is identical to the front side in quality and capability. With our Disk Doubler, you can punch a new write-protect notch on the opposite side of the disk and use the "hidden" second side. The Disk Doubler is easy to use — just slide the disk in, squeeze the button, and a perfectly located notch is punched in the disk jacket. No measuring, no guesswork. . . the notch is in exactly the right place each time! This handy device will pay for itself the first few times you use it. Sug. Retail \$14.95

37374

\$9.95



Computer Monitor Anti-Glare Screens



GLAREDOWN. How many times have you had trouble reading your computer monitor screen because of the sun glaring through the window or poor placement of overhead lighting? GlareDown makes screen images clearer, crisper, sharper and more readable by eliminating most stray light reflected from your monitor screen. Eye strain goes down and efficiency goes up! From Suncom.

42373 GlareDown 12 — For most 12" monitors

\$15.95

42387 GlareDown 14 — For most 14" monitors

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software storage

FOR ALL YOUR VALUABLE SOFTWARE!



INNOVATIVE CONCEPTS, INC.



All storage units from Innovative Concepts, the world leader in media protection, feature outstanding design engineering that combines the maximum in protection with superb ease of use. Attractive as well as functional.

Command Module and Cassette File efficiently holds up to 18 Command Modules and/or tape cassettes and even has space for printed documentation. A transparent, smoke-colored dust shield swings open for access. Contemporary and sturdy. Thousands sold at \$29.95.

10106

SALE! ONLY

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LOW LOW PRICES



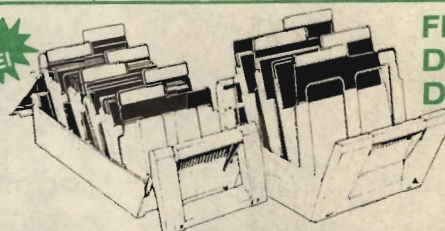
FLIP SORT

FlipSort

- Stores and files up to 70 5 1/4" diskettes.
- Includes 5 index dividers for organization of filing and retrieval.
- Molded from highly durable plastic.

Sug. Retail \$7.95
Regular Tenex Price \$6.95
SUPER SALE \$4.95

43375



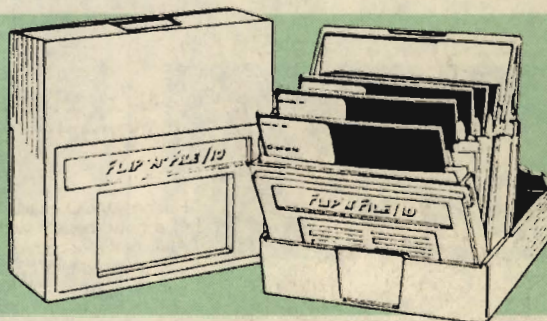
Flip 'N' File Disk Drawer

Flip 'N' File Disk Drawer. The ultimate in data security and work station efficiency! Flip 'N' File Disk Drawer conveniently fits letter size desk drawers and regular or fireproof file cabinets. With the drawer open, your diskettes are conveniently at hand; with the drawer closed, they are out of sight and secure. Can also be used on a table or desk top as a work station... special handles allow easy carrying, but fold down and out of the way for desk top use. Unit includes tabbed dividers, index labels and removable vinyl cover.

- 31735 Disk Drawer.** Holds up to 60 5 1/4" diskettes
31749 Disk Drawer. Holds up to 40 8" disks

\$14.95
\$19.95

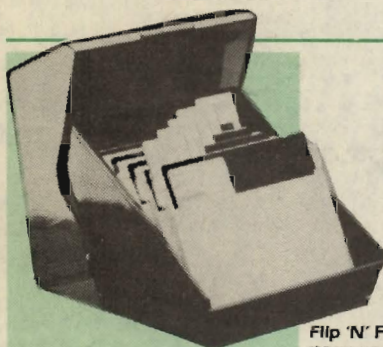
Flip 'N' File 10



Flip 'N' File/10 is great for using, transporting or storing up to 10 disks (5 1/4") efficiently and economically. When open, the front panel falls forward, providing easy access to the media. The unit snaps shut, protecting your software from dust and moisture. Compact and sturdy.

- 20150 Flip 'N' File 10.**
20779 Flip 'N' File 15. Same as above, holds 15 disks

\$3.95
\$6.95



Flip 'N' File Diskette Storage System

Flip 'N' File Diskette Storage System beautifully stores up to fifty disks (5 1/4"). The unit comes with five index dividers. The durable lid, produced in transparent, smoke-colored plastic, also doubles as a carrying handle. Disks flip for easy identification and removal. Thousands sold at \$29.95.

10111

NOW ONLY \$13.95

Top Of The Line



LOCKABLE!
Now As Low As \$14.95!

Flip 'N' File/25 and Flip 'N' File/50 hold 25 and 50 disks (5 1/4"), respectively, in contemporary styling with user-oriented engineering. A major feature is the non-magnetic lock and key offering extra security for your software investment. Special camming action brings the front panel forward as the transparent, smoke-colored lid is opened, presenting a ready work station. Every five disks are separated by plastic tab dividers for easier retrieval. When closed, the mechanism positions the disks horizontally to prevent warping.

- 20783 Flip & File 25** **\$14.95**
20798 Flip & File 50 **\$19.95**



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SELLER!



The Slik Stik™ has been a favorite for years. . .and for good reason. It's just the right combination of responsiveness, accuracy and economy. And the price can't be beat! From Suncom. 90 day warranty. Direct connect to Commodore.
42086

ONLY \$6.95

Exclusive new
Micro-Switch
technology

TAC 5™



Introducing the latest in joystick technology from Suncom. . .the TAC 5™ joystick controller! Featuring state of the art "Microswitch" technology, three fire buttons (one on the handle, two on the base) for fastest possible firing, and diagonal response. 5½ foot cord. Two year manufacturer's warranty. Direct connect to Commodore.
42442

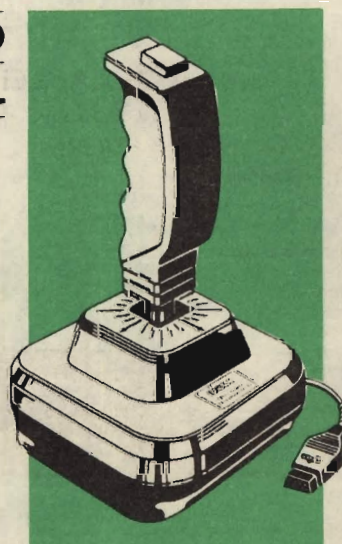
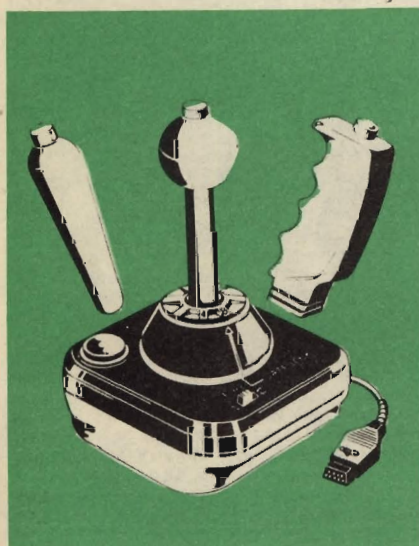
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\$14.95

WICO
COMMAND
CONTROL

3-Way Handle and
Gatelock Control

Famous WICO quality is now available in a new joystick with 3-way handle AND gatelock control. Choose the red-ball, bathandle, or pistol grip control for your favorite action. NEW FEATURE — Gatelock allows you to lock in 8-way or 4-way action for the precise movement required by many maze games. Direct connect to Commodore.
31173

ONLY \$24.95



THE
BOSS

THE BOSS

This contoured, pistol-grip handle will make game playing a breeze! Fire button on handle. Five foot cord. Direct connect to Commodore.

19707 Sug. Retail \$19.95
\$16.95



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real world interfacing

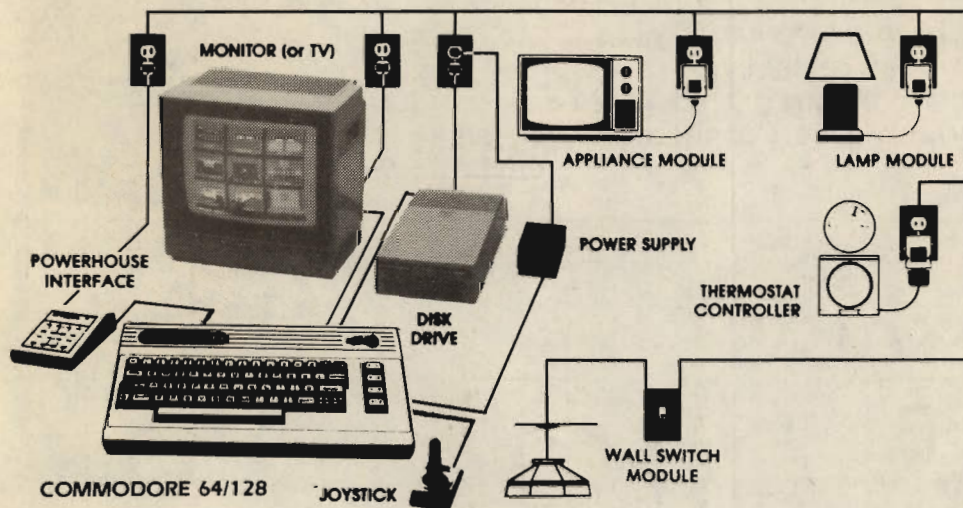
WAS \$125
NEW LOW PRICE
\$49.95

X-10 POWERHOUSE™
NUMBER ONE IN HOME CONTROL

SAVE
OVER \$75!

HOME AUTOMATION IS HERE!

- SECURITY • ENERGY SAVINGS • CONVENIENCE
- DOESN'T TIE UP THE COMPUTER!



COMMODORE 64/128

JOYSTICK

The world's leading maker of home control devices has just introduced a revolutionary new product line called X-10 POWERHOUSE. With your Commodore 64 or 128 computer, you can program lights and appliances to turn on and off, control your thermostat, and much more. The POWERHOUSE can wake you to stereo music or TV news, light up your bedroom, hallway, and bathroom; start the coffee, turn up the heat, warm up the curlers. . . all before you are even out of bed! But it is smart enough not to wake you up on weekends. At night, it can lower the heat, turn off the Tonight Show, and first dim and later turn out the lights. The user-friendly POWERHOUSE software lets you first "set up" your house. You move "icons" (pictures of lights and appliances) into each room. The on-screen software shows you how to set a module for each light and appliance to be controlled.

After you have set up your house, you can enter the operating mode to actually set the times for individual lights or appliances to turn on or off. You can also set the days of week for the action to take place. You can even program the brightness level of a light.

Once you have established the program, you can disconnect the computer — POWERHOUSE system will control your home independently. It even has a battery backup (9V battery not included) that will keep the system from forgetting your program if the power fails. (Battery life is approximately 100 hours.) Up to 128 timer events can be set and 256 icons can be placed in your software "house". Up to 256 lamps and appliances can be controlled using X-10 type modules. Start putting your computer to work to improve your lifestyle — invest in an X-10 POWERHOUSE and enter the age of electronic living!!

36493 X-10 POWERHOUSE Interface, Commodore Cable and Software. **NOW ONLY \$49.95**

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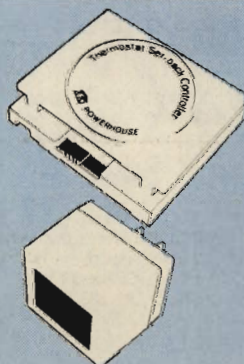
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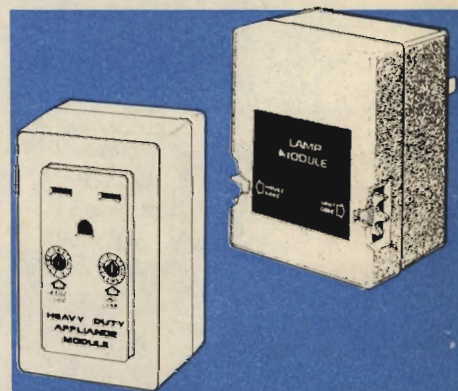
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X-10 offers a wide selection of plug in modules and wiring devices to make connecting any kind of lamp or appliance easy. Standard lamp and appliance modules plug into the wall between the existing outlet and the lamp or appliance. Wall switch modules are used for switch controlled lights (incandescent only) and replace the existing wall switch. Wall receptacle replaces standard outlet. The best news is that they are economical enough to let you set up your whole house without getting a new mortgage! These modules are compatible with X-10, BSR, General Electric, Sears, Radio Shack, Heath, Leviton, Genesis, and any other controller that calls for BSR or X-10 modules.



LAMP MODULE. Plug in module lets you turn lamp on, off, or "dim" the lamp. Responds to DIM, BRIGHT, and ALL LIGHTS ON signals. Due to dimming capability, do not use for appliances or fluorescent lights. 400-500 Watt capability. **Sug. Retail \$20.00**

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SYSTEM X-10

Use these controllers either by themselves or with your POWERHOUSE to maximize your control over your environment. Since there is no permanent wiring connecting the controllers and the control modules, you can mix and match multiple control devices. For instance, if you were using a POWERHOUSE or Timer Console as your main controller, you could also install Mini Controllers in several rooms as well as have a pocketable RF remote controller to carry around.

TIMER CONSOLE. If you don't have a computer, this unit can be the centerpiece of your X-10 home control system. It automatically turns lights and appliances on and off at the time you want. Special feature keys include: DAILY, ONCE, SECURITY, SLEEP, NOW, ALL LIGHTS ON, ALL LIGHTS OFF, and CLEAR. Battery backup prevents memory loss. (4 AA batteries not included.)

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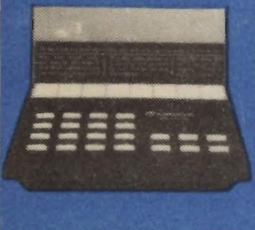
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MINI CONTROLLER. A super-handly add-on to your X-10 control system. Instantly control up to four lights and appliances throughout the house with the push of a button. Great by the side of your bed — if you hear a noise, turn on your outside and hall lights without getting up. Or use it to control room lighting from the comfort of your easy chair. Features include DIM, BRIGHT, ALL LIGHTS ON, and ALL UNITS OFF buttons.

43637 X-10 Mini Controller

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MAXI CONTROLLER. If you like the idea of instant control but the Mini Controller's four devices aren't enough, try the new X-10 Maxi Controller! It lets you control up to sixteen lamps and appliances. Dim the bedside lamp, turn on the TV from bed, start the coffee from your bedroom before you take your morning shower... think of your own little luxuries. Includes DIM, BRIGHT, ALL LIGHTS ON and ALL UNITS OFF buttons. If you have a Thermostat Set-back Controller, you can even use the Maxi Controller to turn down central heating or air conditioning when you go to bed and to turn it back up in the morning.

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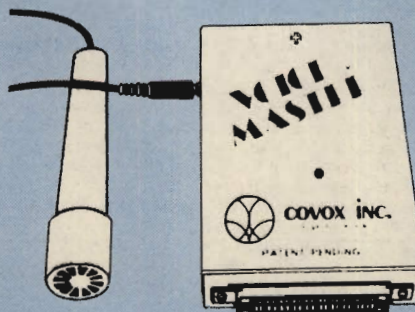


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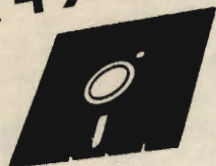
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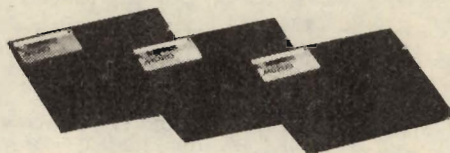
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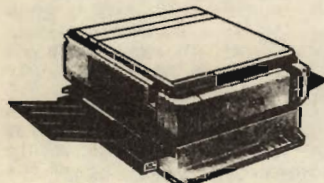
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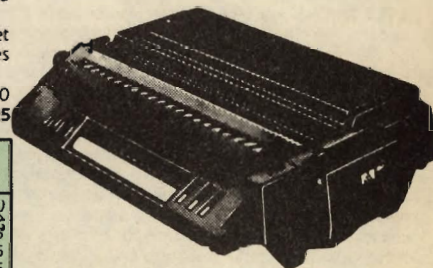
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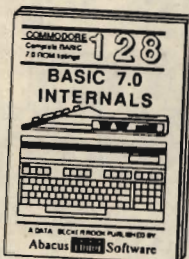
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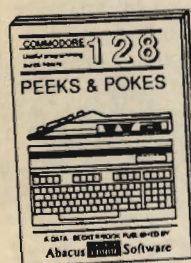
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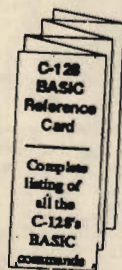
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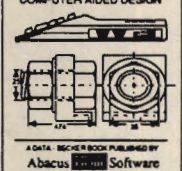
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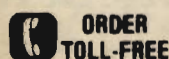
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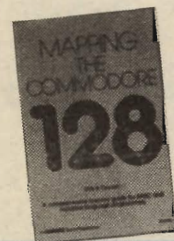
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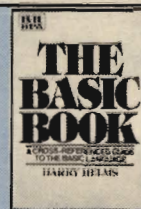
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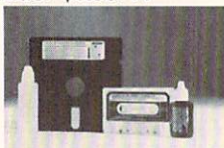
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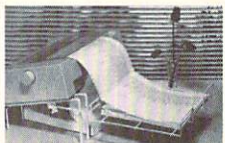


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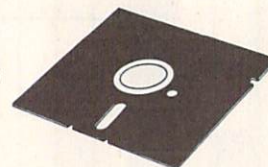
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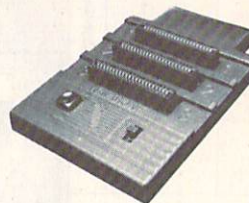
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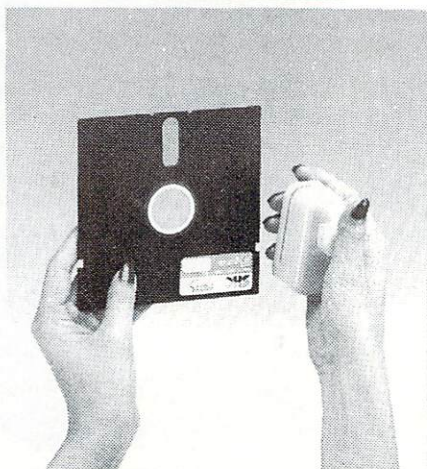


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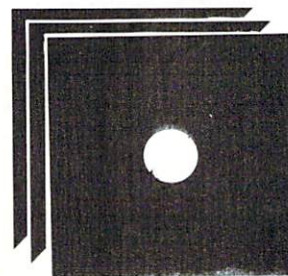
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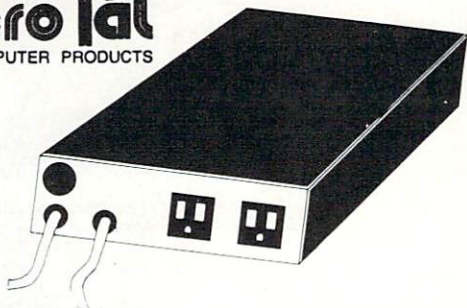
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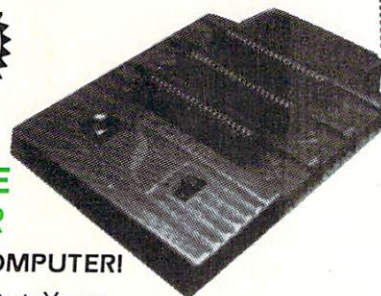
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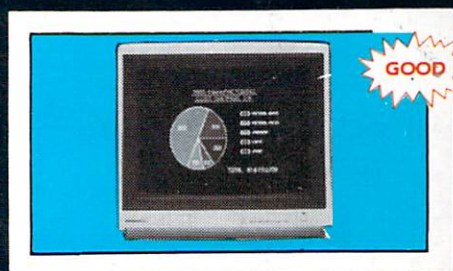
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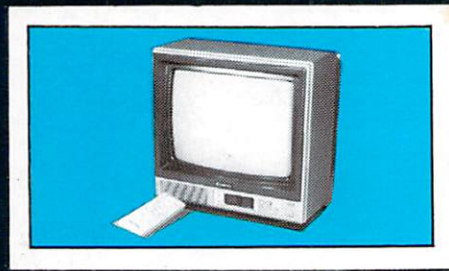
With your C-128, having a monitor that can handle both the composite output of the C-64 mode and the 80 column RGB output of the C-128 mode is more than just a convenience. For serious users, it's a necessity. We're happy to be able to bring you not two, but **three** great composite/RGB monitors from Magnavox, one of the most trusted names in consumer electronics!



13" RGB/Composite Color Monitor. This Magnavox monitor has features that you would expect to find in monitors costing much more: 390 dots horizontal and 240 lines vertical resolution, both RGB and composite inputs, green text display switch, built-in tilt stand, sharpness control, and vertical/horizontal centering controls. Absolutely the most economical way to move up to RGB quality! Each monitor includes an RGB/Composite Cable.

Sug. Retail \$349.00
\$229.00

65264

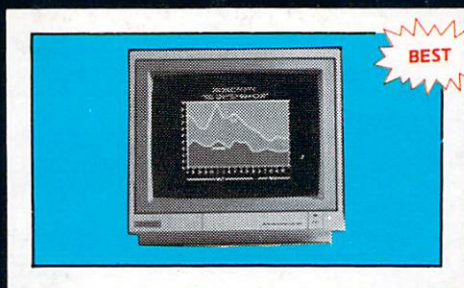


VERSATILITY PLUS!!

Remote Control Monitor/TV. If you're like many computer enthusiasts, you've got more electronic equipment than you have room for! Any piece that can do double-duty is a lifesaver. Well, take a look at our Remote Control Monitor/TV! The 13" color TV features 139 cable-ready channels, soft-touch controls, auto scan, LED display, 5-function wireless remote, audio/video input, and black matrix picture tube. It's also a composite color monitor! Hook it into your computer and you've got a super color display. Use with your computer, your VCR, or as a TV... your choice! So much versatility at this price is a real bargain. From Samsung.

Sug. Retail \$299.95

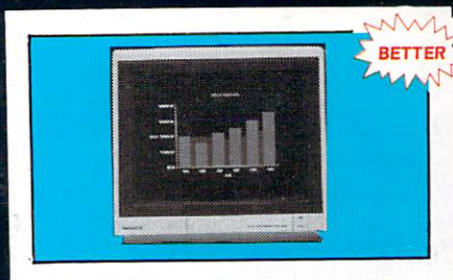
65286 13" Remote Control Monitor/TV \$249.95



Super 14" RGB/Composite Color Monitor. Features RGB TTL, RGB Analog, and composite inputs. An excellent choice for use with RGB computers (e.g., IBM and Apple compatibles) or the C-128! The big 14" display offers 17% more picture area than standard 12" monitors. Special dark background CRT maximizes contrast and color saturation. Other features include green switch, 690 dot and 240 line resolution, swivel base, and much more! The best RGB monitor we've ever offered! Each monitor includes an RGB/Composite Cable.

Sug. Retail \$499.00

65285 \$319.00



Hi-Res 13" RGB/Composite Color Monitor. Another winner from Magnavox! This quality monitor has the same great features as the above unit, but offers 640 dot horizontal resolution for maximum sharpness. This unit is a good choice for applications where resolution is important, such as CAD programs, or where users want an extra sharp display for long sessions of word processing, etc. Each monitor includes an RGB/Composite Cable.

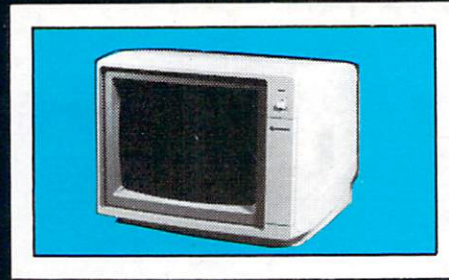
Sug. Retail \$399.00

65270 \$279.00

C128 40/80 Column Composite Monitor Cable. For an 80-column display on a composite monitor. For full description see page 39.

40771

\$24.95



OUR BEST COMPOSITE MONITOR

14" Composite Color Monitor. This 14" composite color monitor offers outstanding color across the entire spectrum: rich blacks, vivid colors and brilliant whites. The difference is the black matrix picture tube (most monitors have gray tubes) that yields rich colors. Features include: Built-in audio speaker; convenient front-panel controls for volume, brightness, contrast, color, tint and sharpness; and an outstanding warranty... one year on parts and labor, two years on the picture tube! From Samsung.

40728 14" Composite Color Monitor \$179.95
Monitor Cable. Required for the two composite monitors listed above. Works with C64, C128 (in composite mode), TI 99/4A, and many others.

37424

\$7.95

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